

FIG. 1

FIG. 2

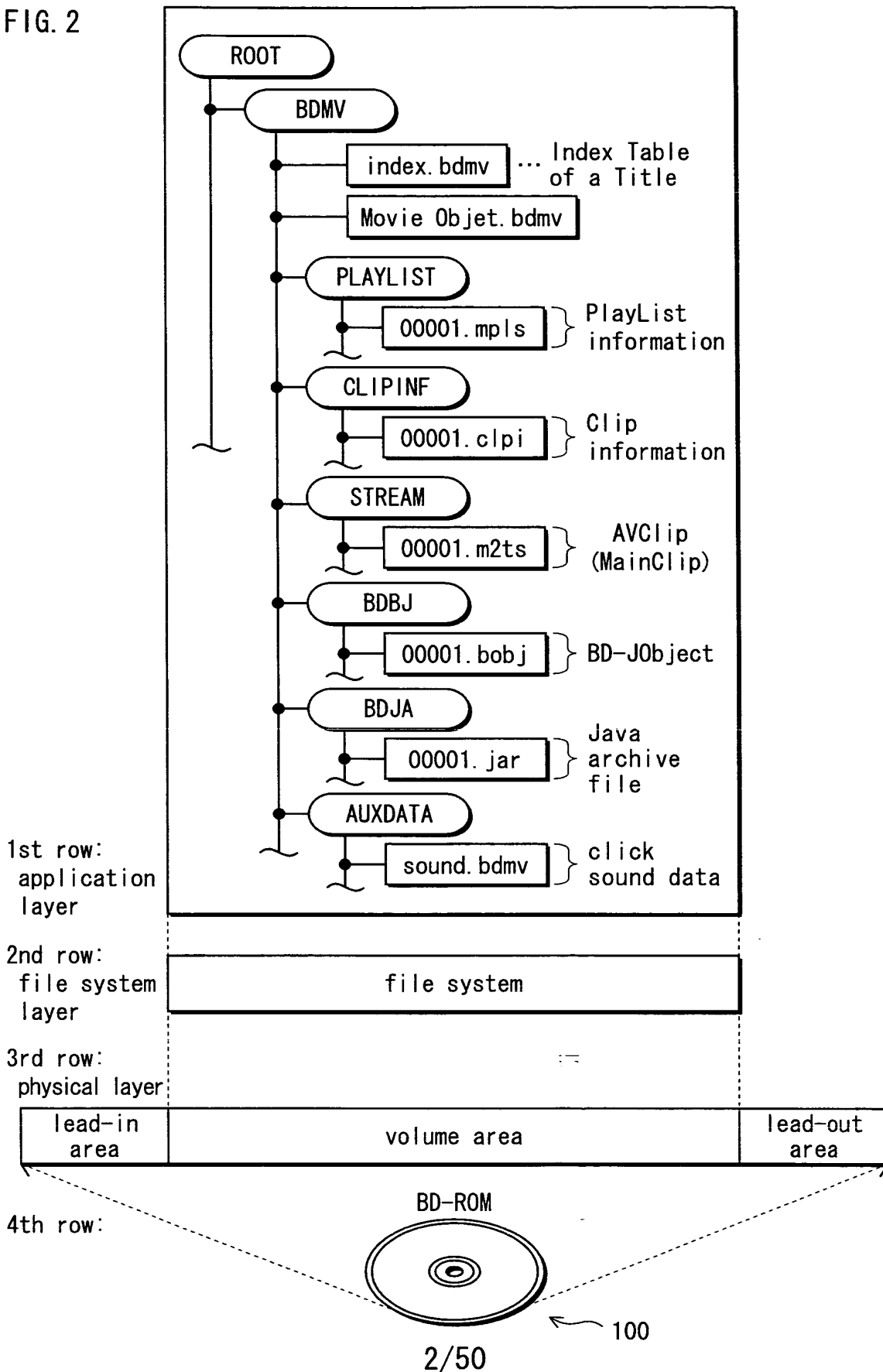


FIG. 4

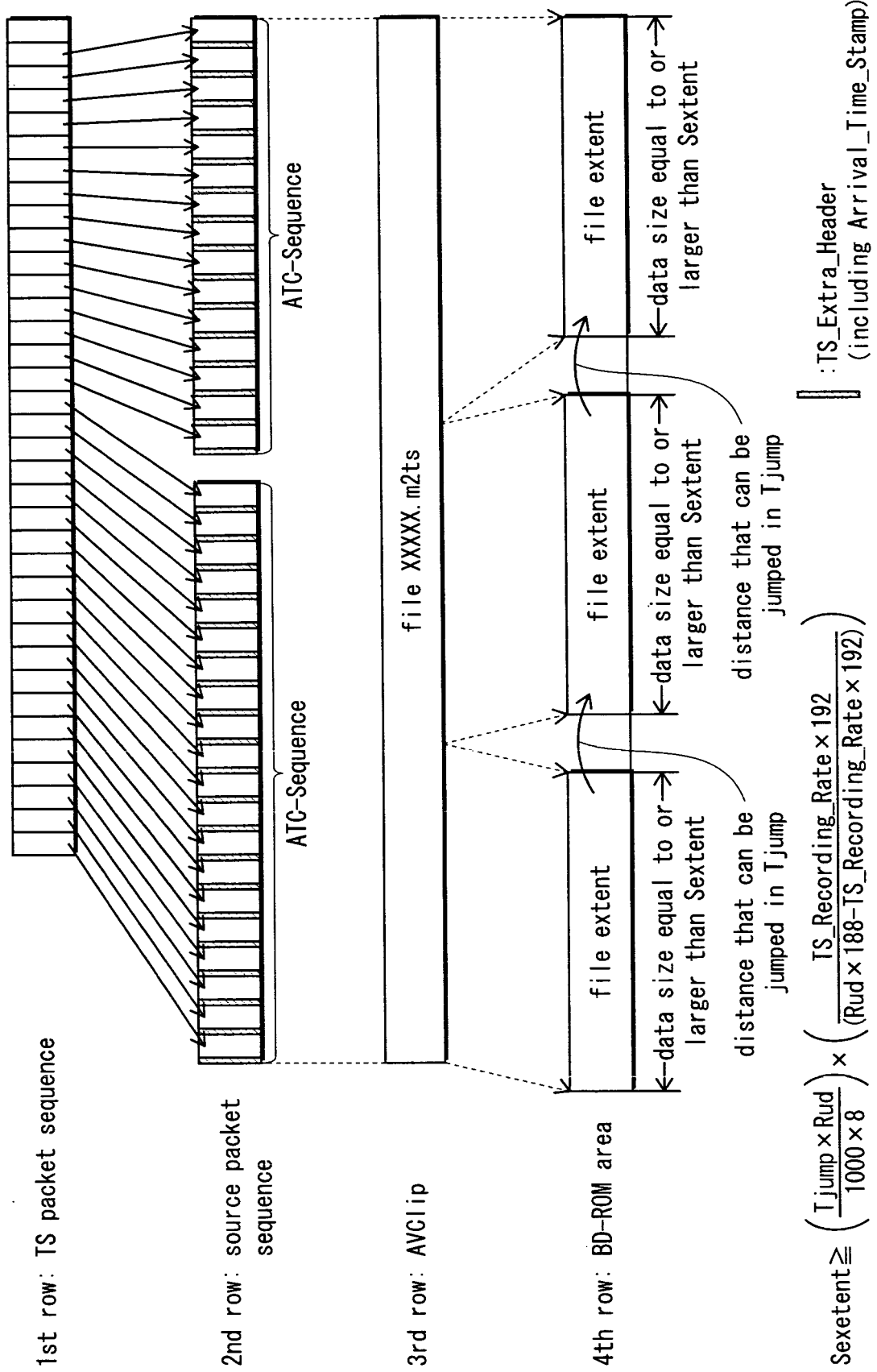


FIG. 5

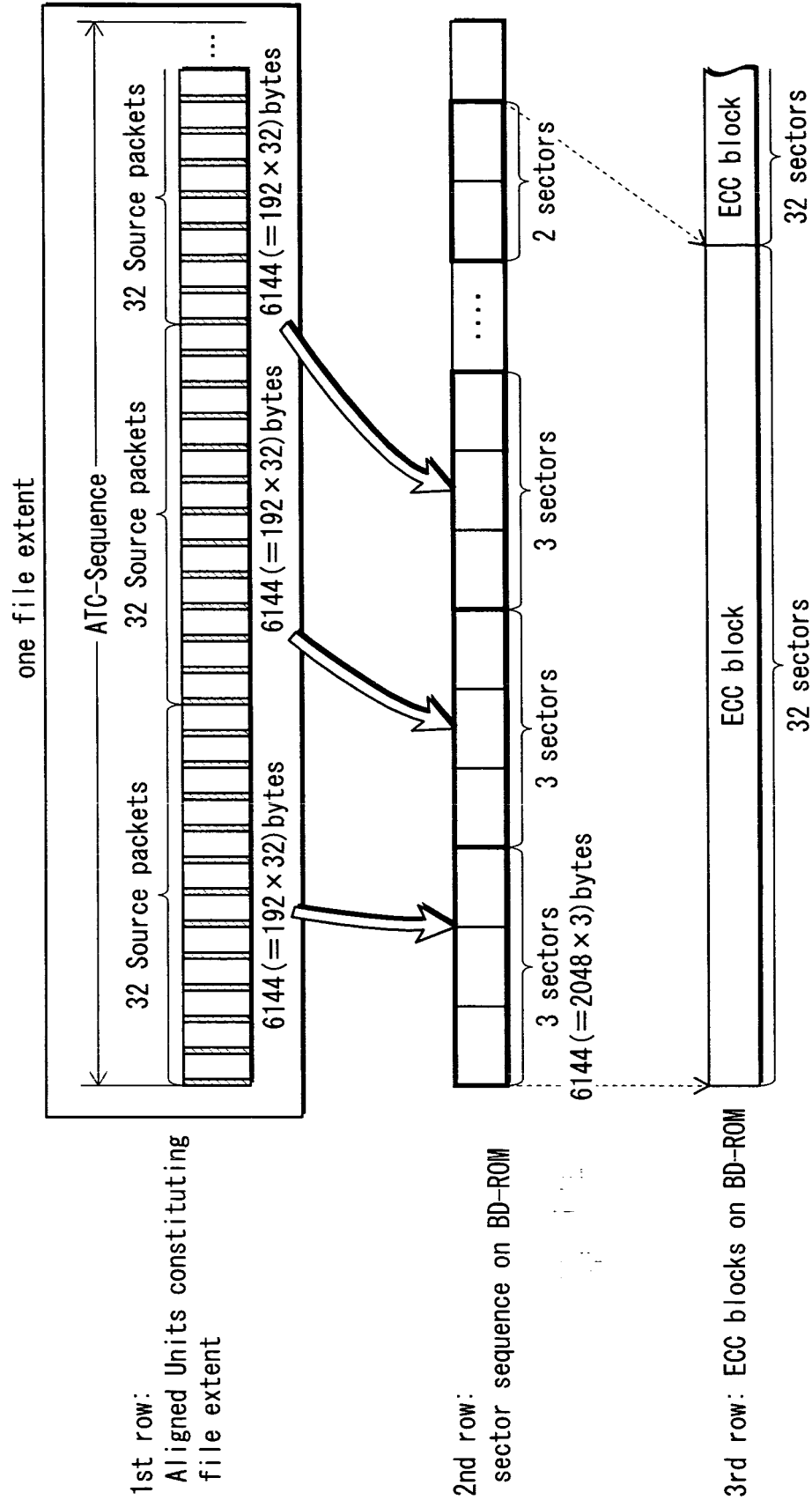


FIG. 6

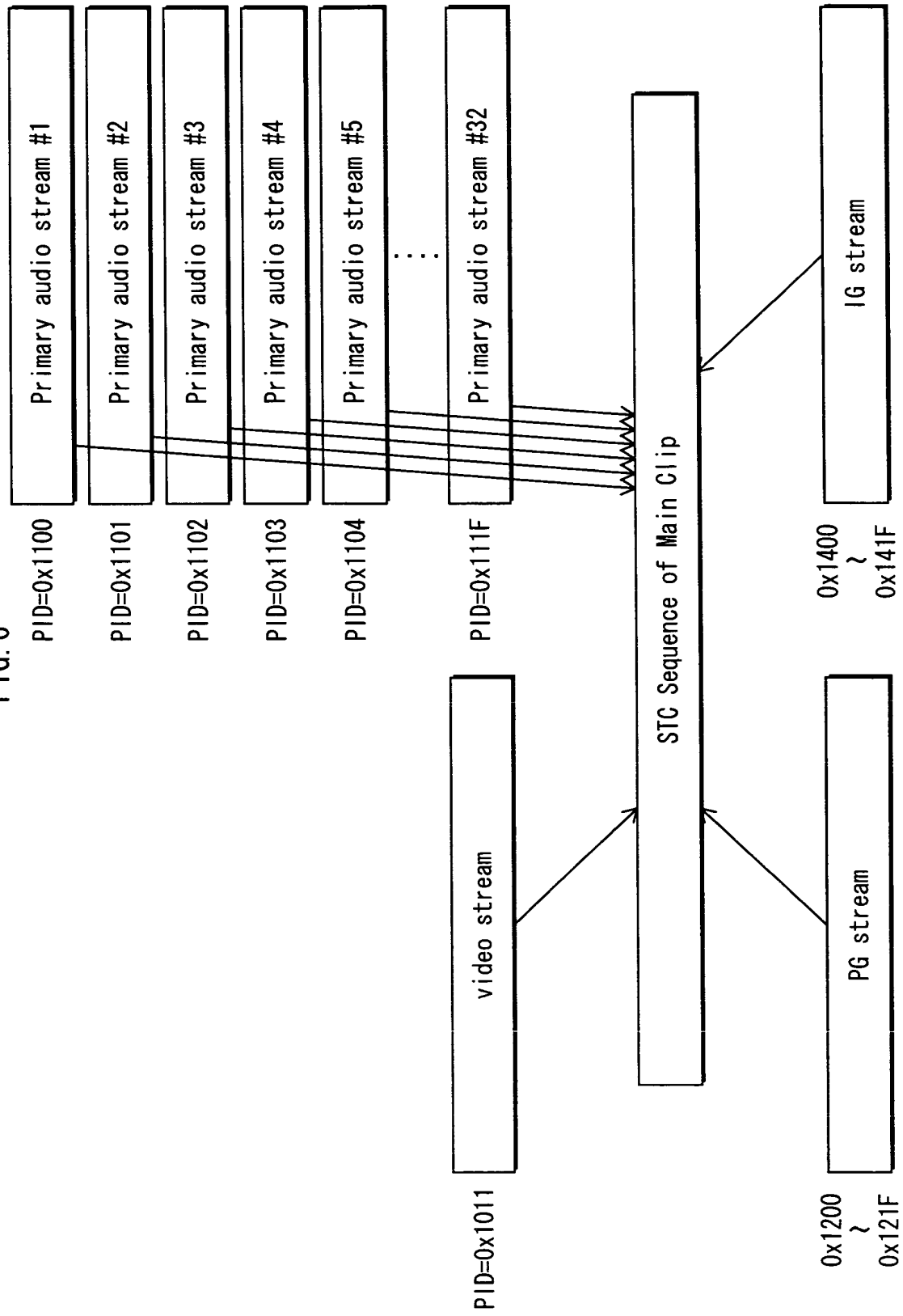


FIG. 7

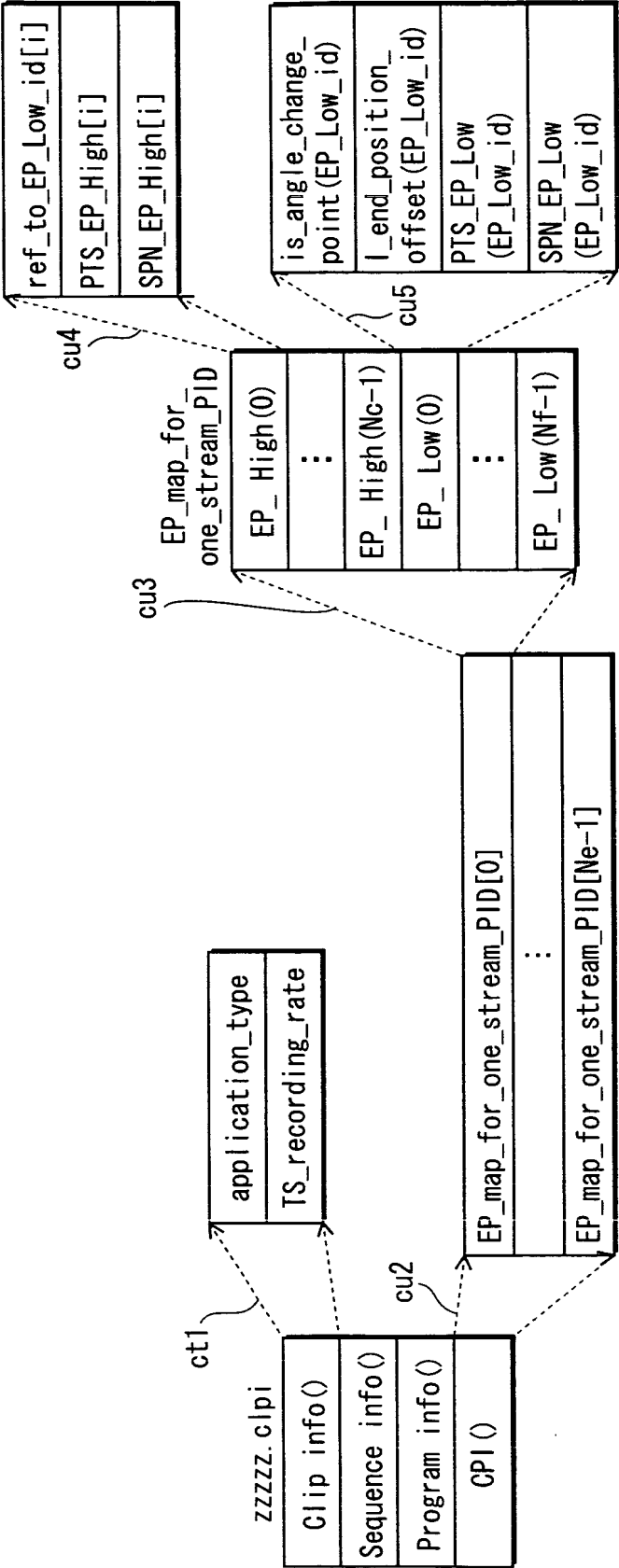


FIG. 8

1st row:
pictures aligned
in display order

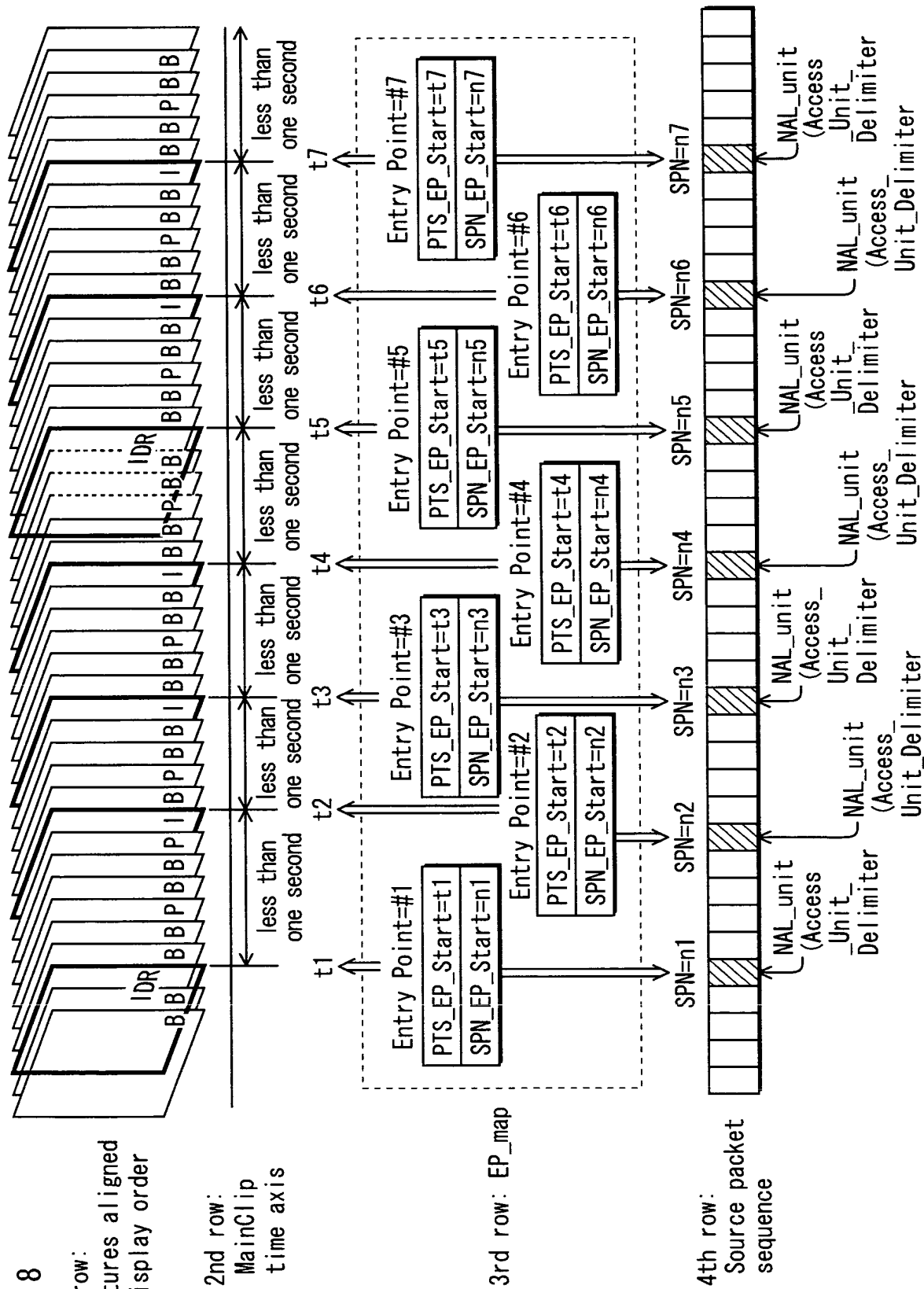
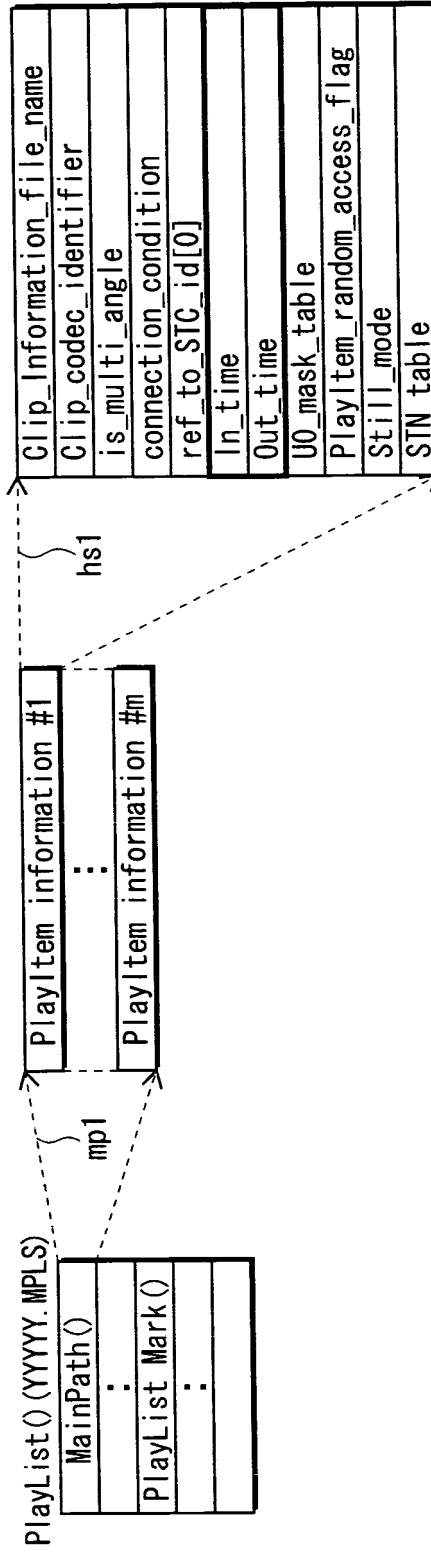


FIG. 9



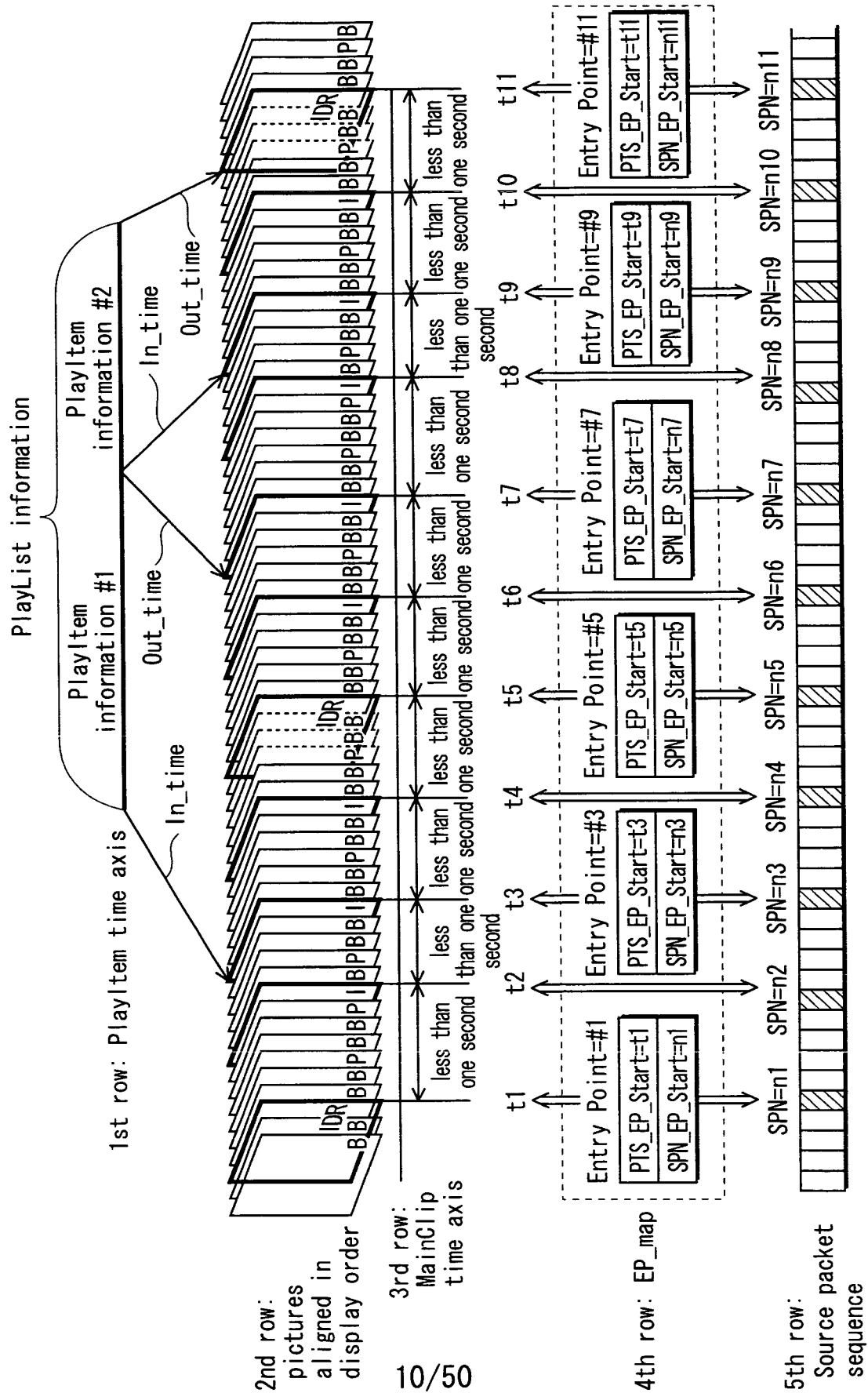


FIG. 11

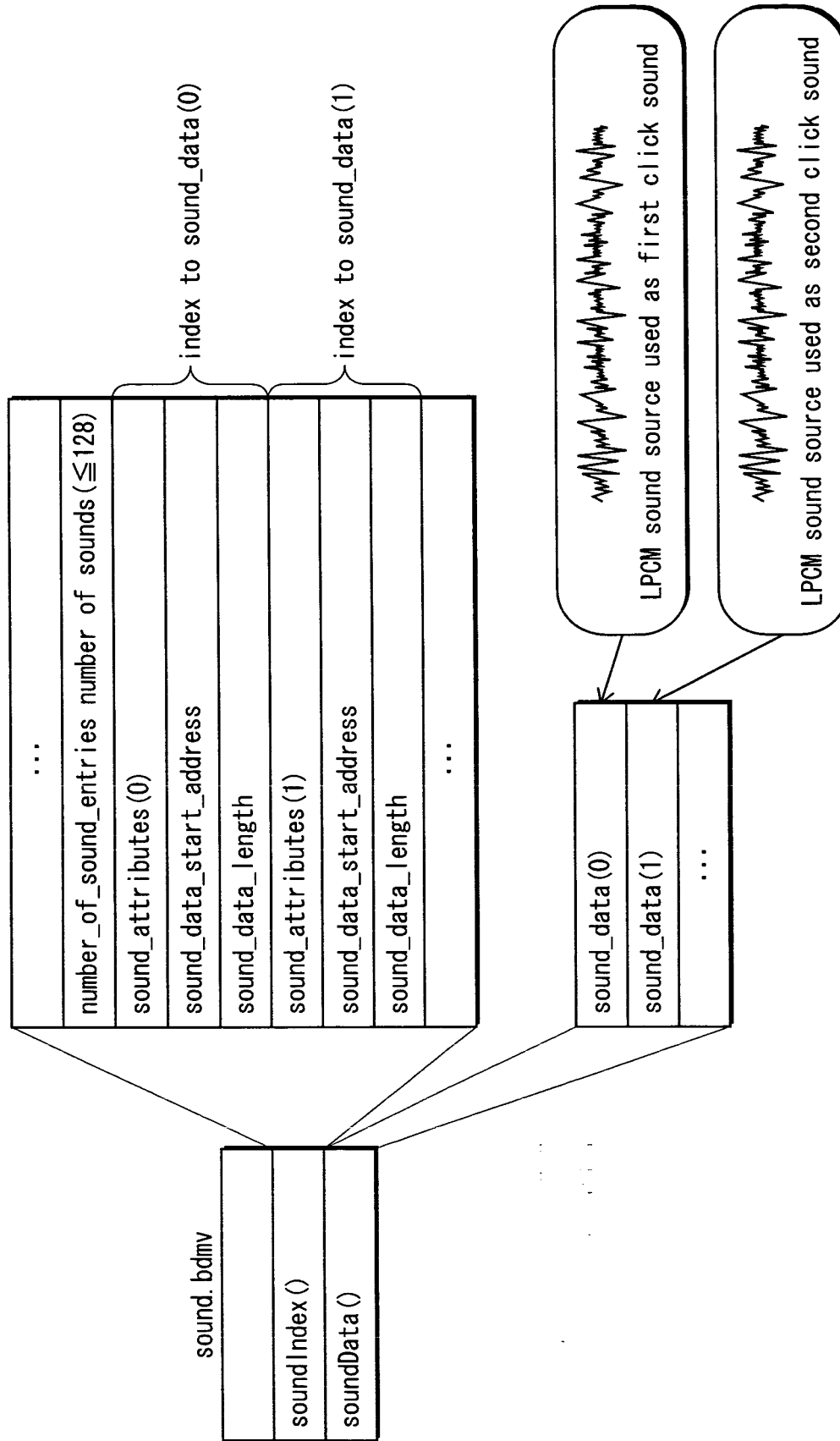


FIG. 12

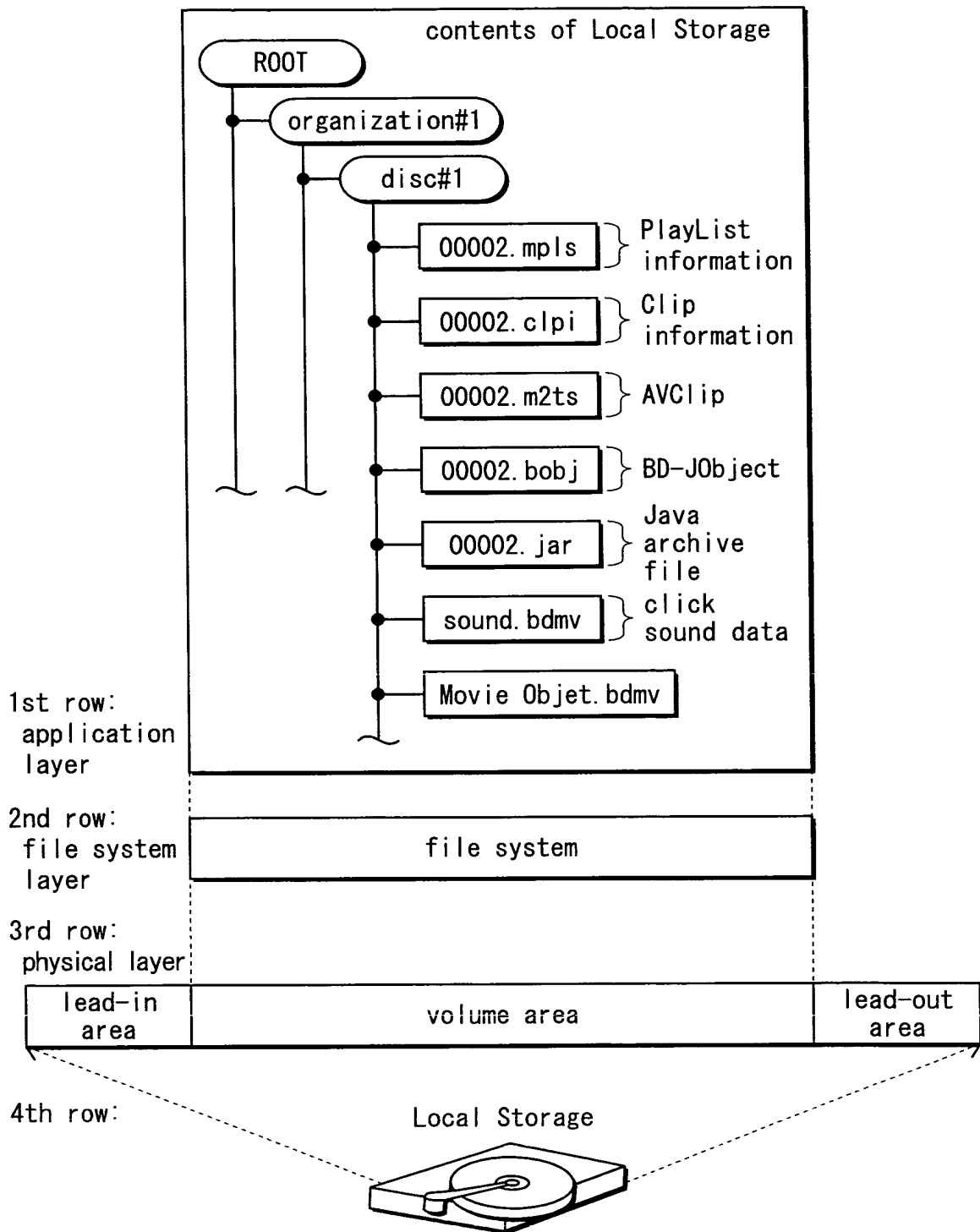


FIG. 13

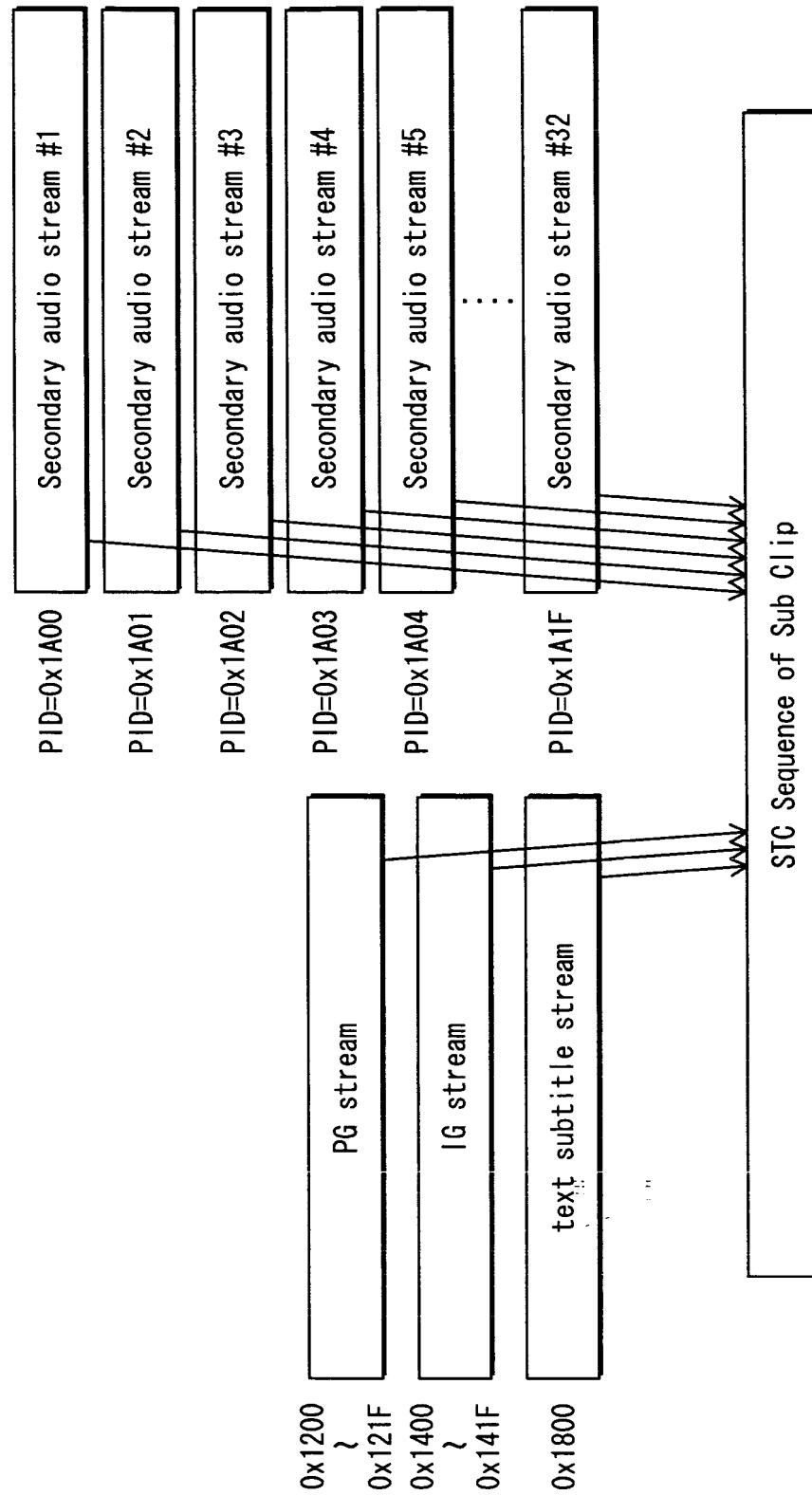


FIG. 14

PID value	stream
0x0100	program_map
0x1001	PCR
0x1011	video stream
0x1100~0x111F	Primary audio stream
0x1200~0x121F	PG stream
0x1400~0x141F	IG stream
0x1A00~0x1A1F	Secondary audio stream

FIG. 15A

structure of Secondary audio stream

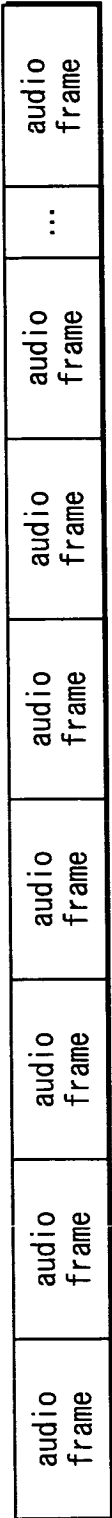


FIG. 15B

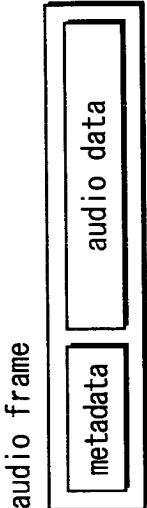


FIG. 15C

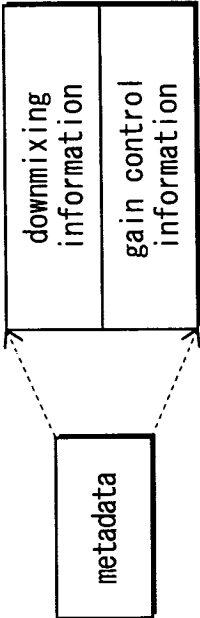


FIG. 15D gain control information

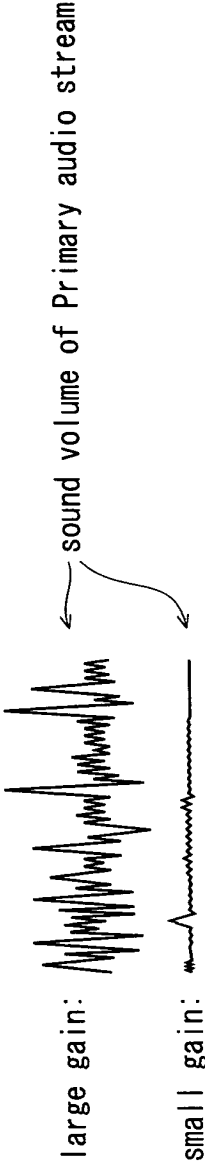


FIG. 16

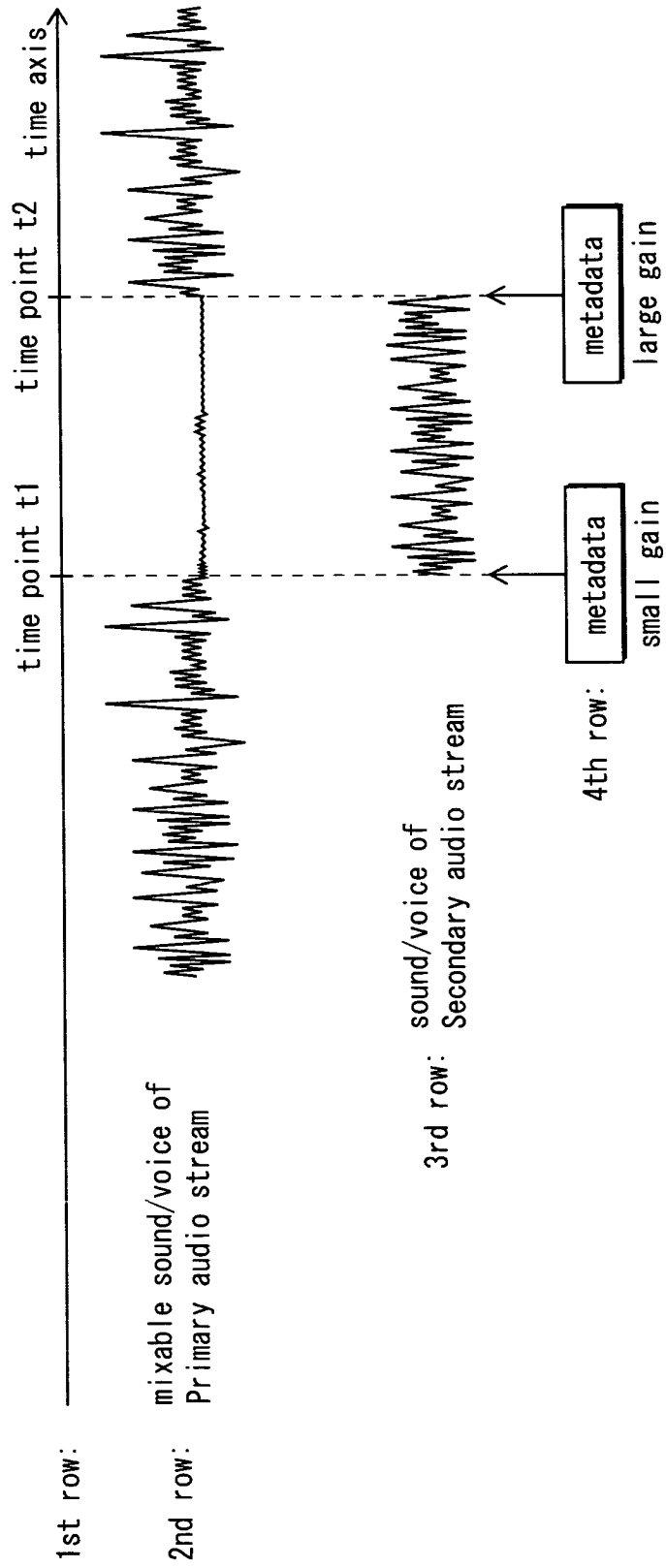


FIG. 17

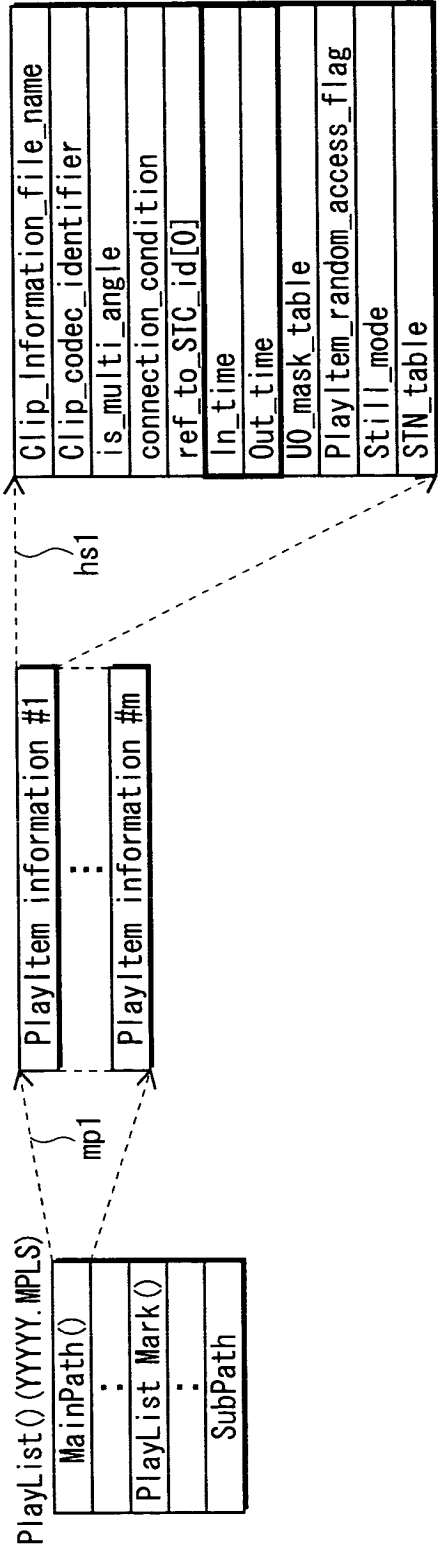
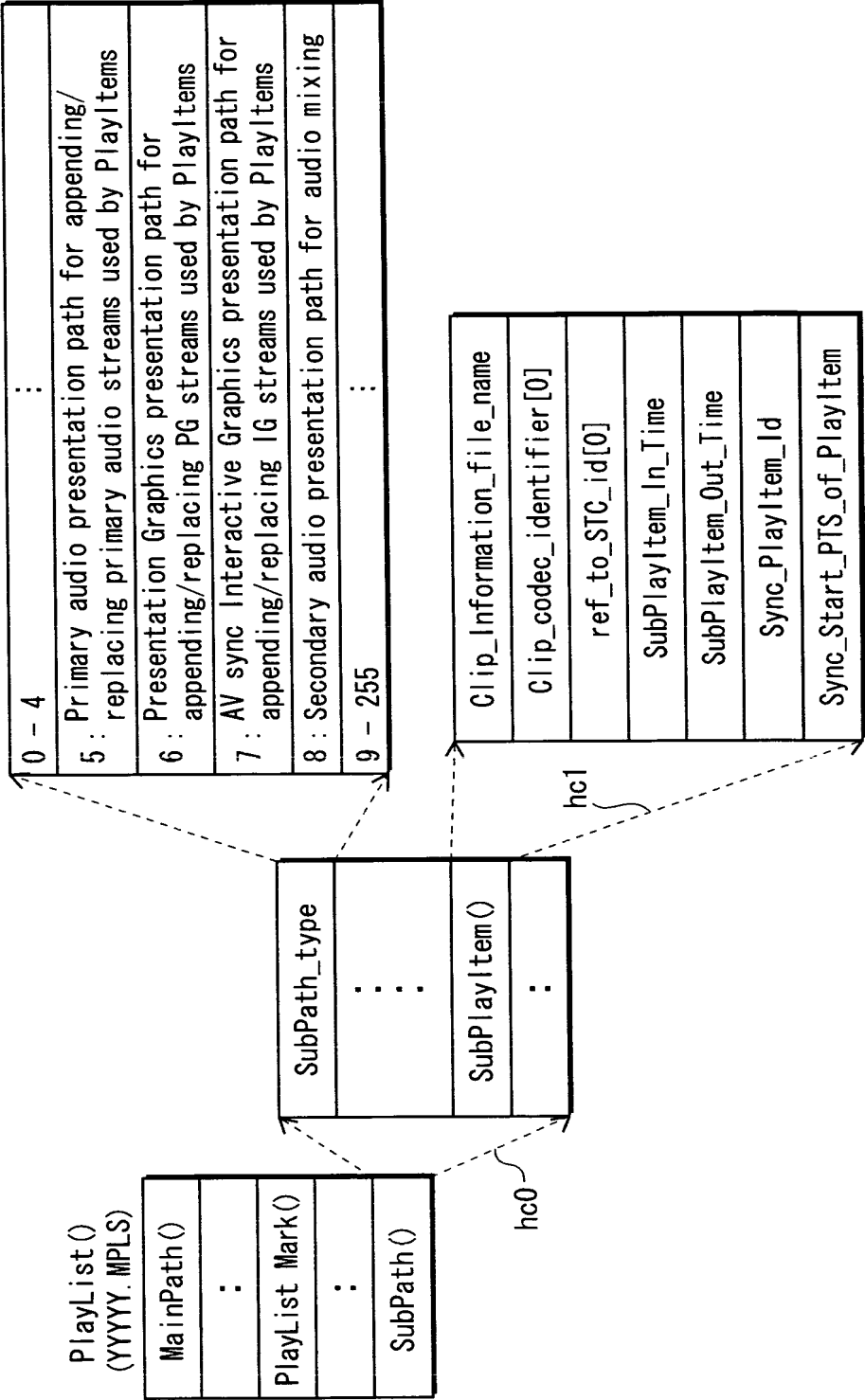
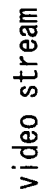


FIG. 18



1st row:



upper 1st row:
TS packet
sequence

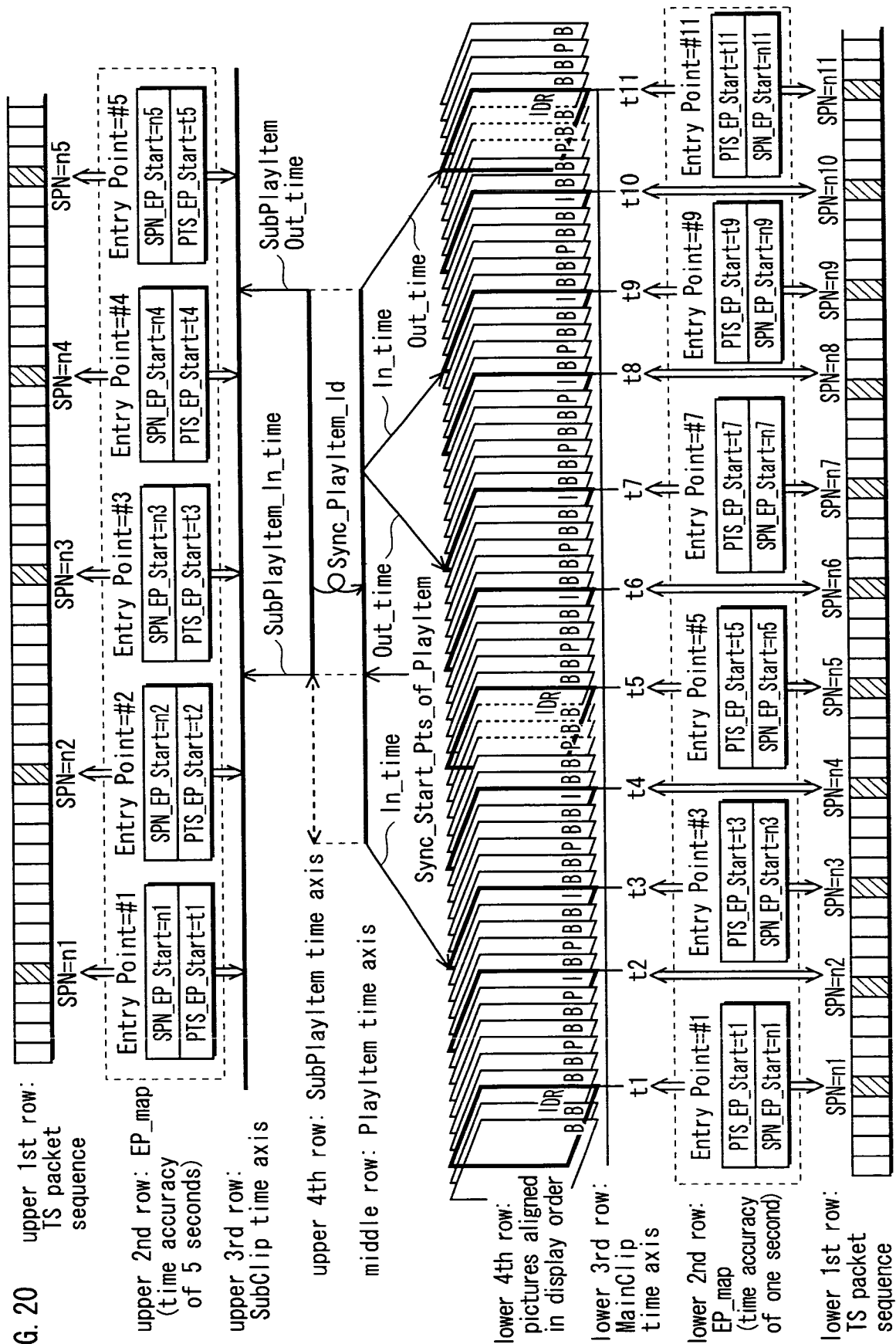


FIG. 21

STN_table	
	number_of_video_stream_entries
	number_of_audio_stream_entries
	number_of_PG_stream_entries
	number_of_IG_stream_entries
video_streams permitted to be reproduced by PlayItem	entry-attribute
Primary audio streams permitted to be reproduced by PlayItem	entry-attribute
	entry-attribute
	entry-attribute
	entry-attribute
	:
	entry-attribute
Secondary audio streams permitted to be reproduced by PlayItem	entry-attribute
	Comb_info_Sequence_audio_Primary_audio
	entry-attribute
	Comb_info_Sequence_audio_Primary_audio
	:
	entry-attribute
	Comb_info_Sequence_audio_Primary_audio
PG streams permitted to be reproduced by PlayItem	entry-attribute
	entry-attribute
	entry-attribute
	entry-attribute
	:
	entry-attribute
IG streams permitted to be reproduced by PlayItem	entry-attribute
	entry-attribute

FIG. 22A

in case of video stream	
Video_format	
frame_rate	

FIG. 22C

ref_to_Stream_PID_of_Main_Clip

FIG. 22B

in case of audio stream	
Stream_coding_type	
audio_presentation_type	
Sampling_frequency	
audio_language_code	

FIG. 22D

ref_to_Sub_Path_id
ref_to_Sub_Clip_entry_id
ref_to_Stream_PID_of_Sub_Clip

FIG. 22E

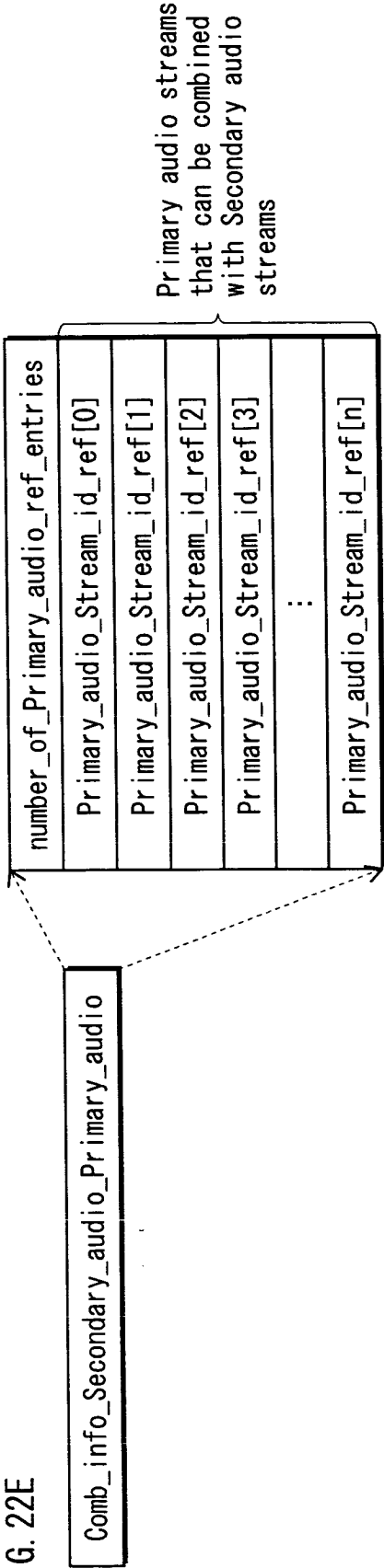


FIG. 23

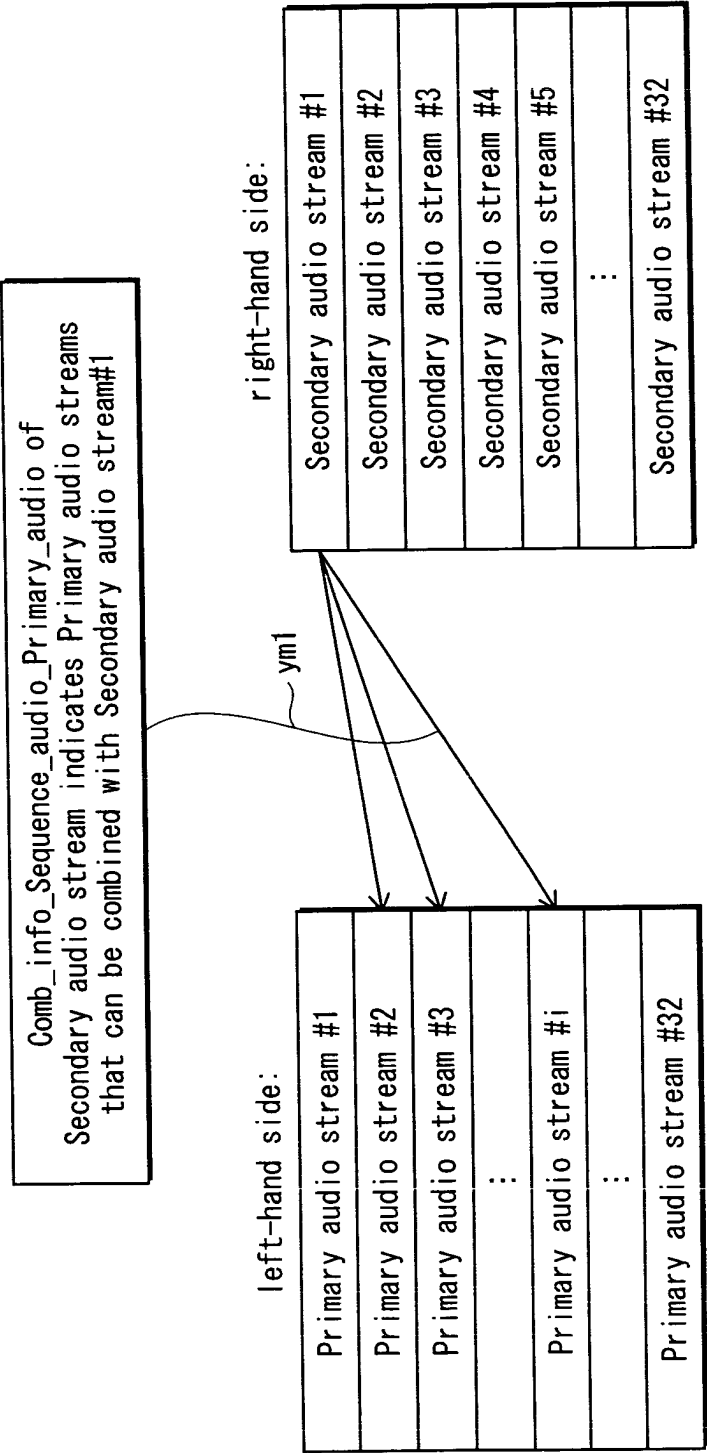
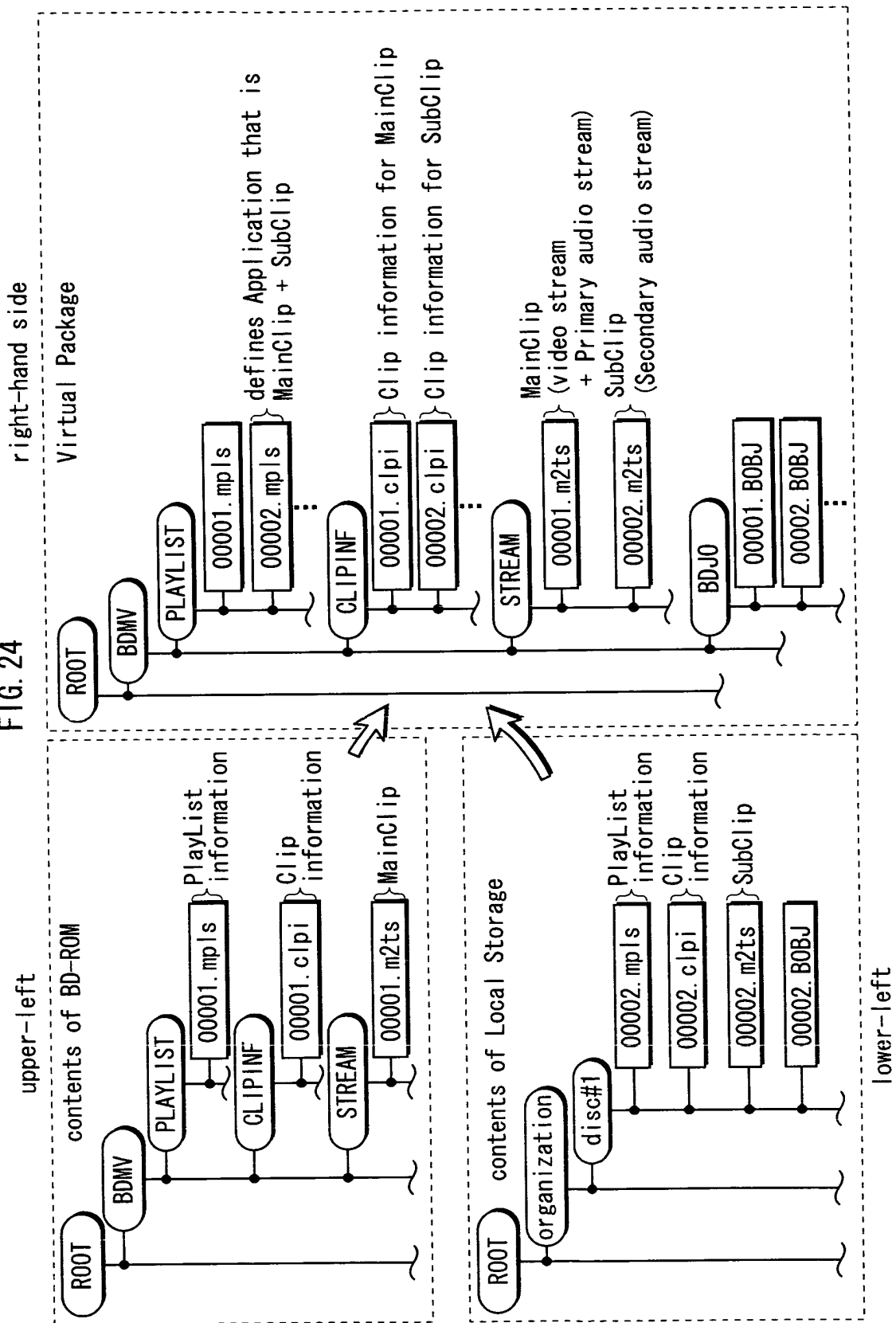


FIG. 24





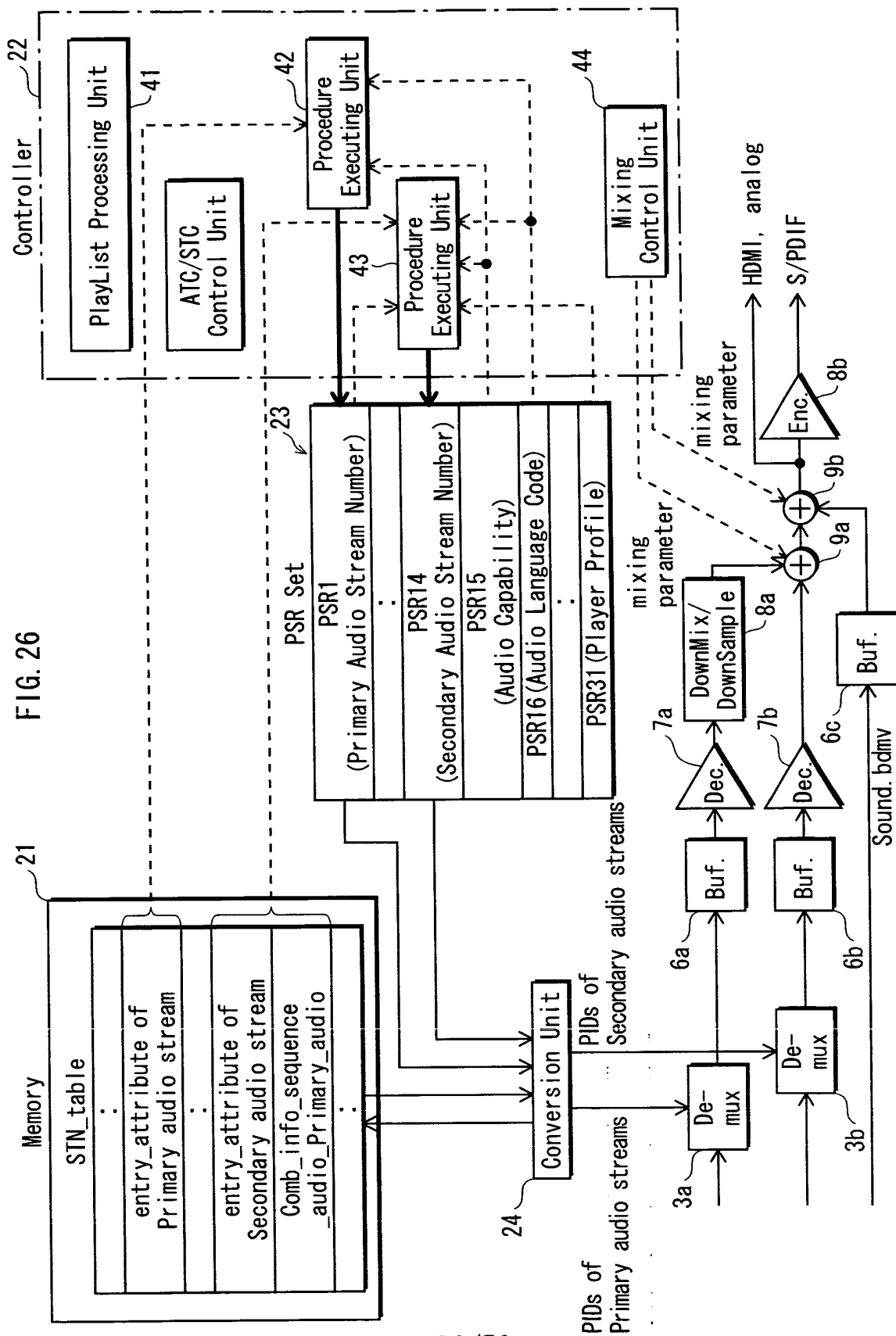
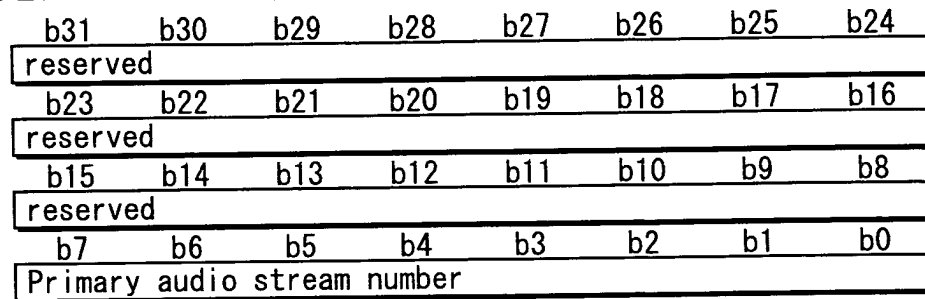
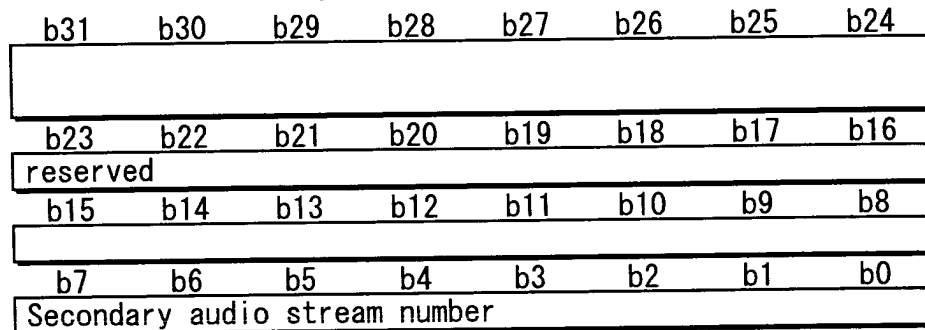
Controller ²²

FIG. 27A PSR1:Primary Audio Stream Number



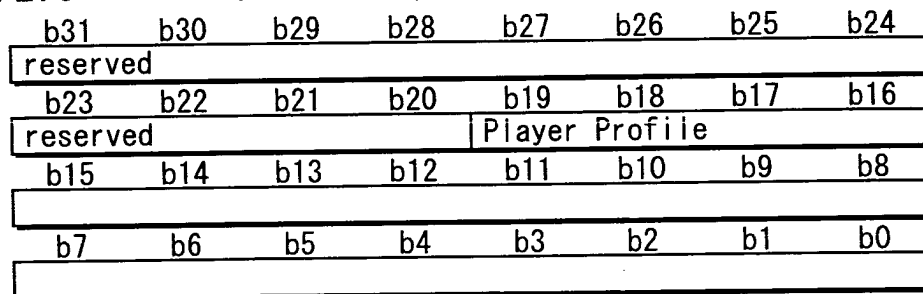
Primary audio stream
number ... 0:Reserved
1 to 32:Primary audio stream number
0xFF:Primary audio stream is not selected
or no Primary audio stream

FIG. 27B PSR14:Secondary Audio Stream Number



Secondary audio stream
number ... 0:Reserved
1 to 32:Secondary audio stream number
0xFF:Secondary audio stream is not selected
or no Secondary audio stream
Others:reserved

FIG. 27C PSR31:Player Profile/Player Version



Player Profile ... 0000b:Standard profile player
without predetermined functions
0001b:Standard profile player
with all the functions
0011b:Full profile player

FIG. 28

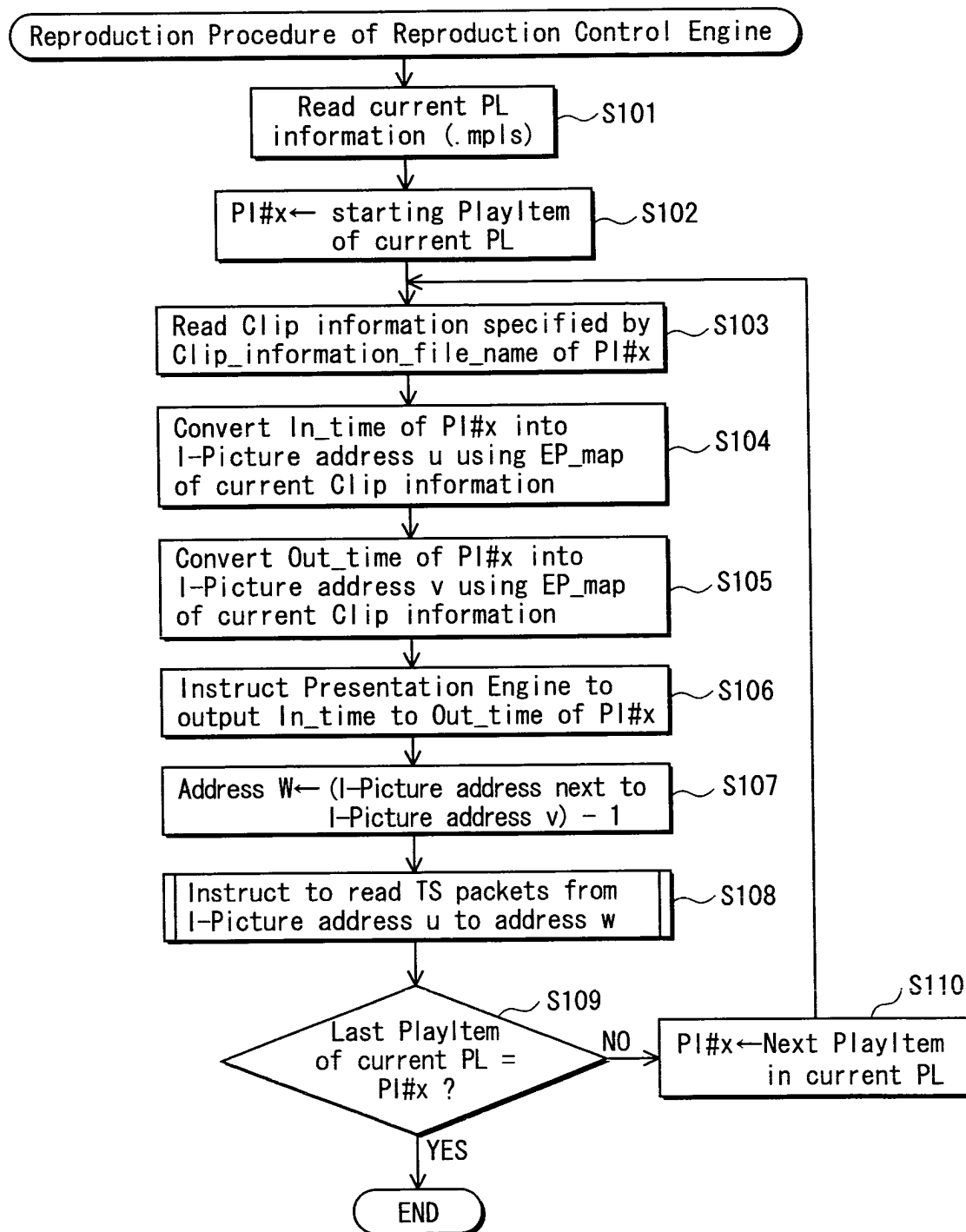


FIG. 29A

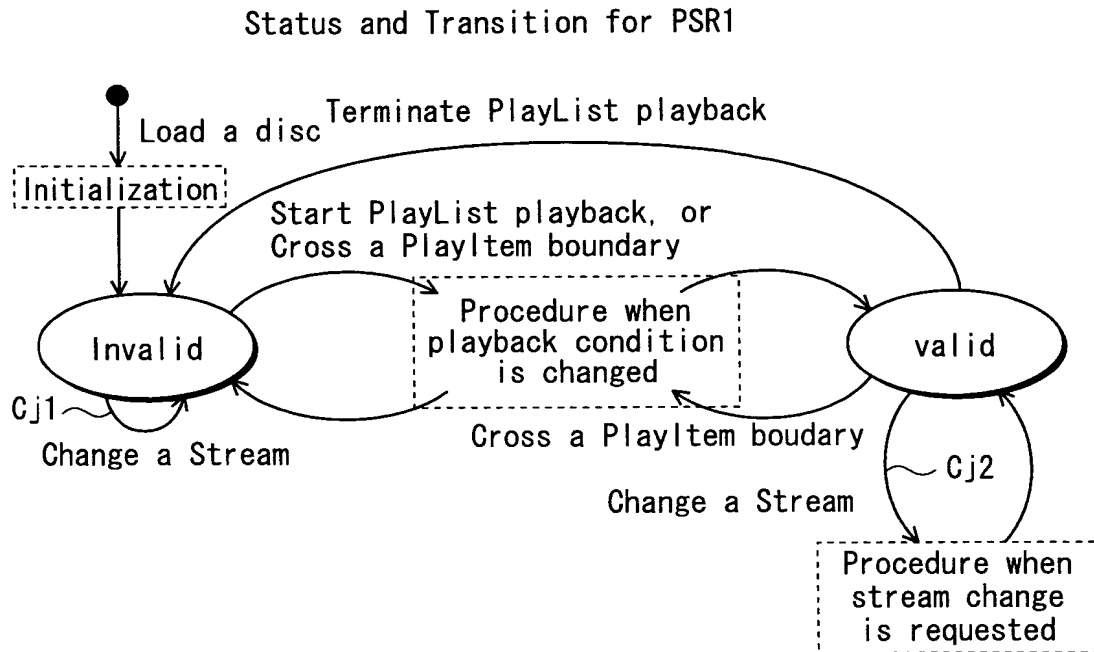
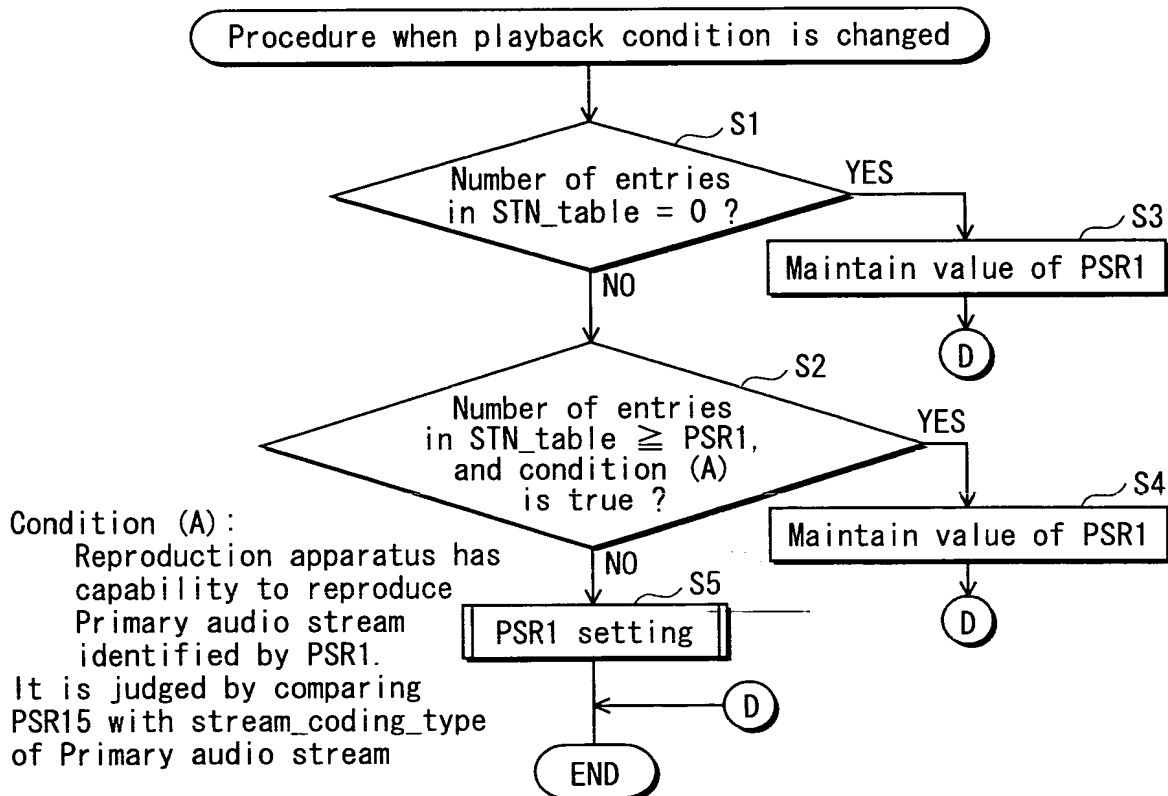


FIG. 29B



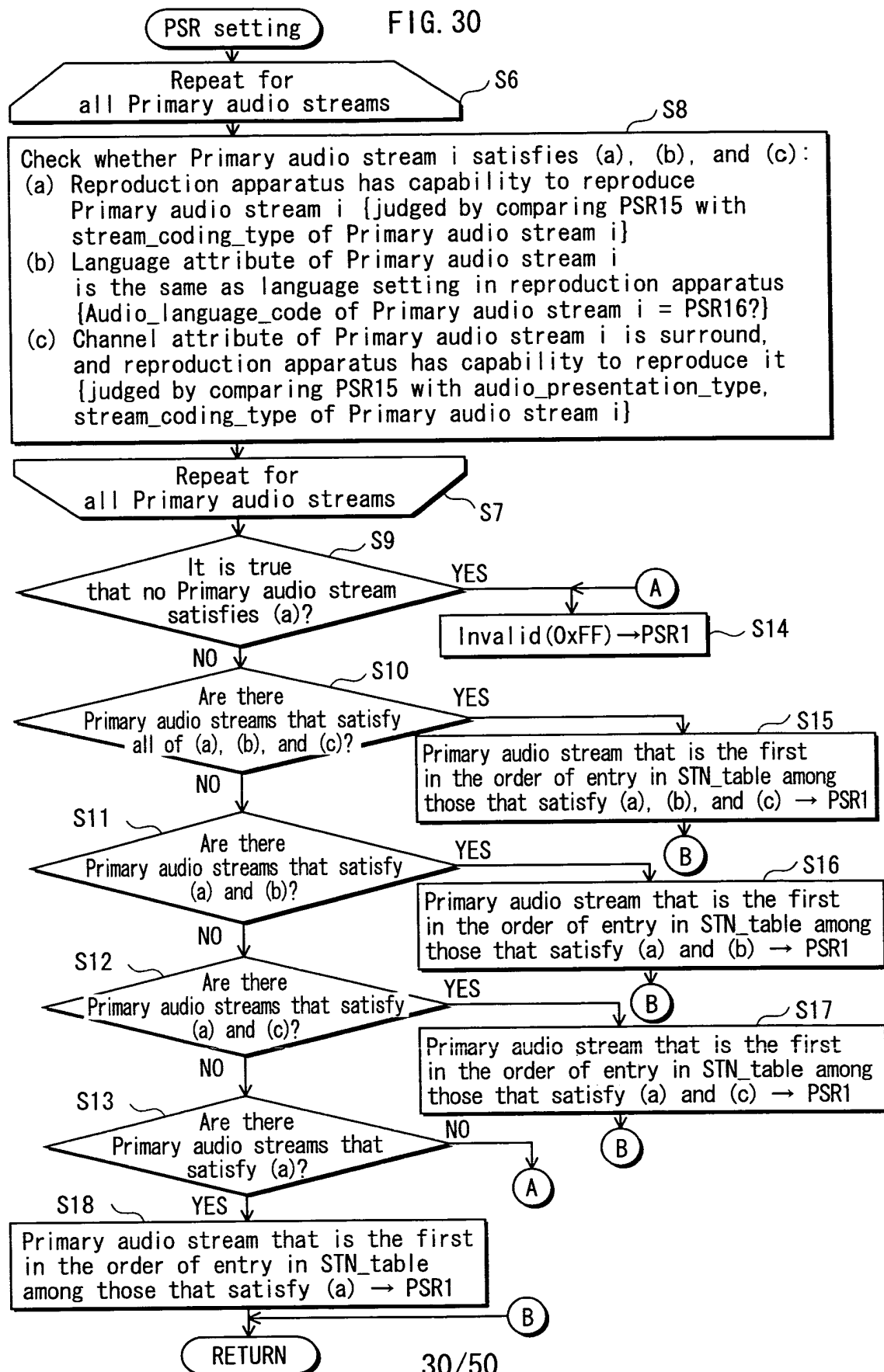


FIG. 31

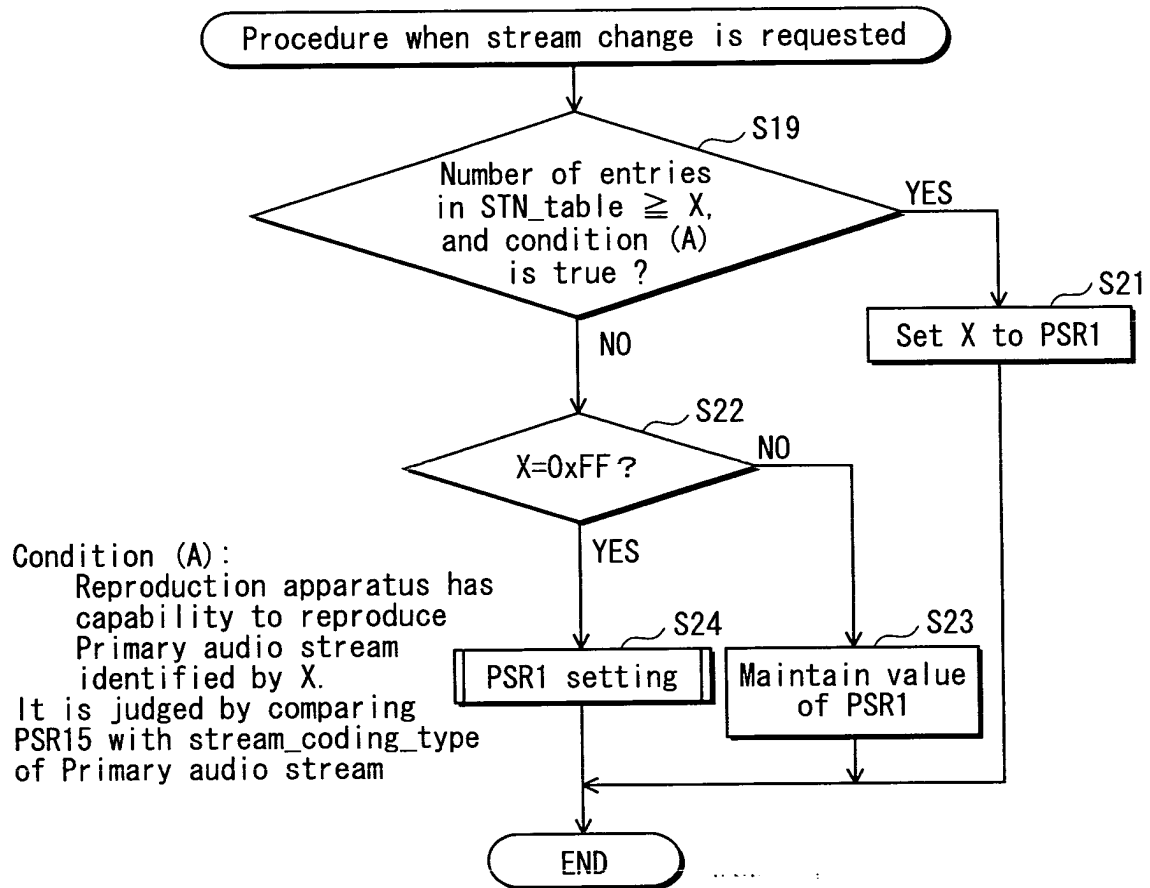


FIG. 32A

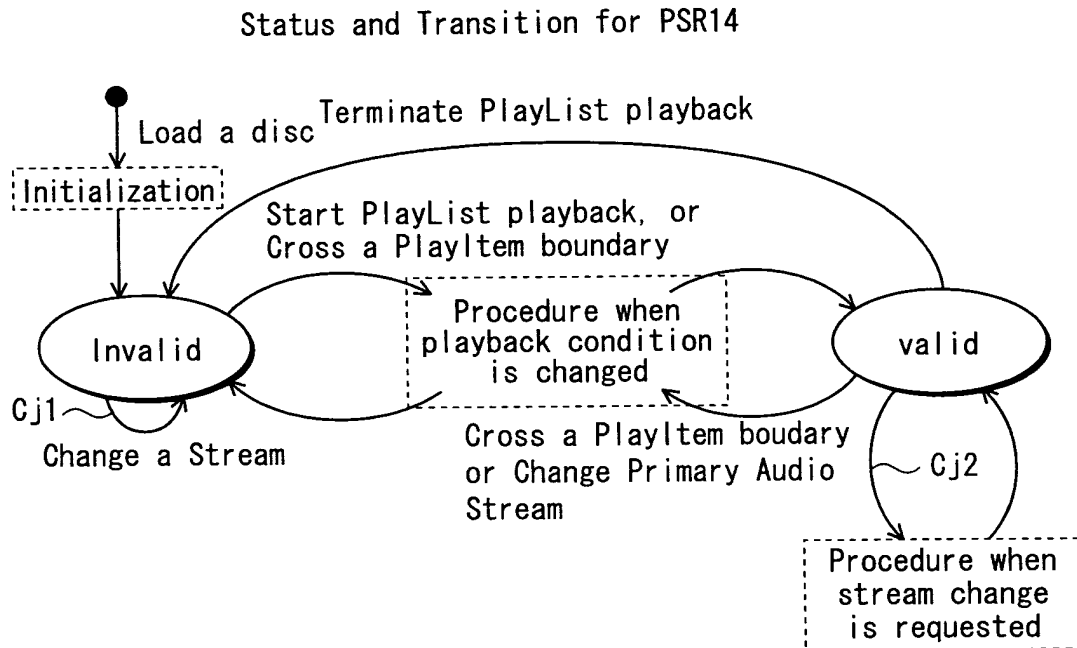


FIG. 32B

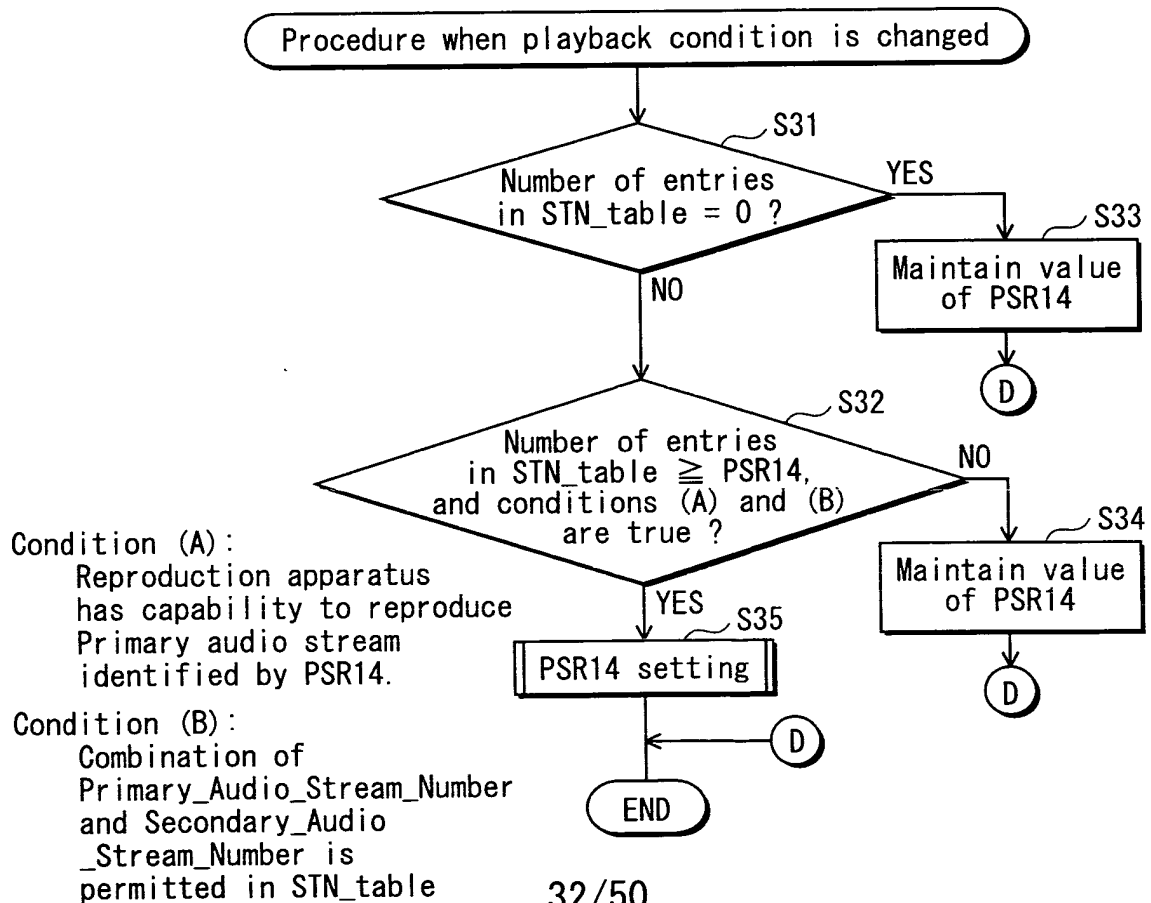


FIG. 33

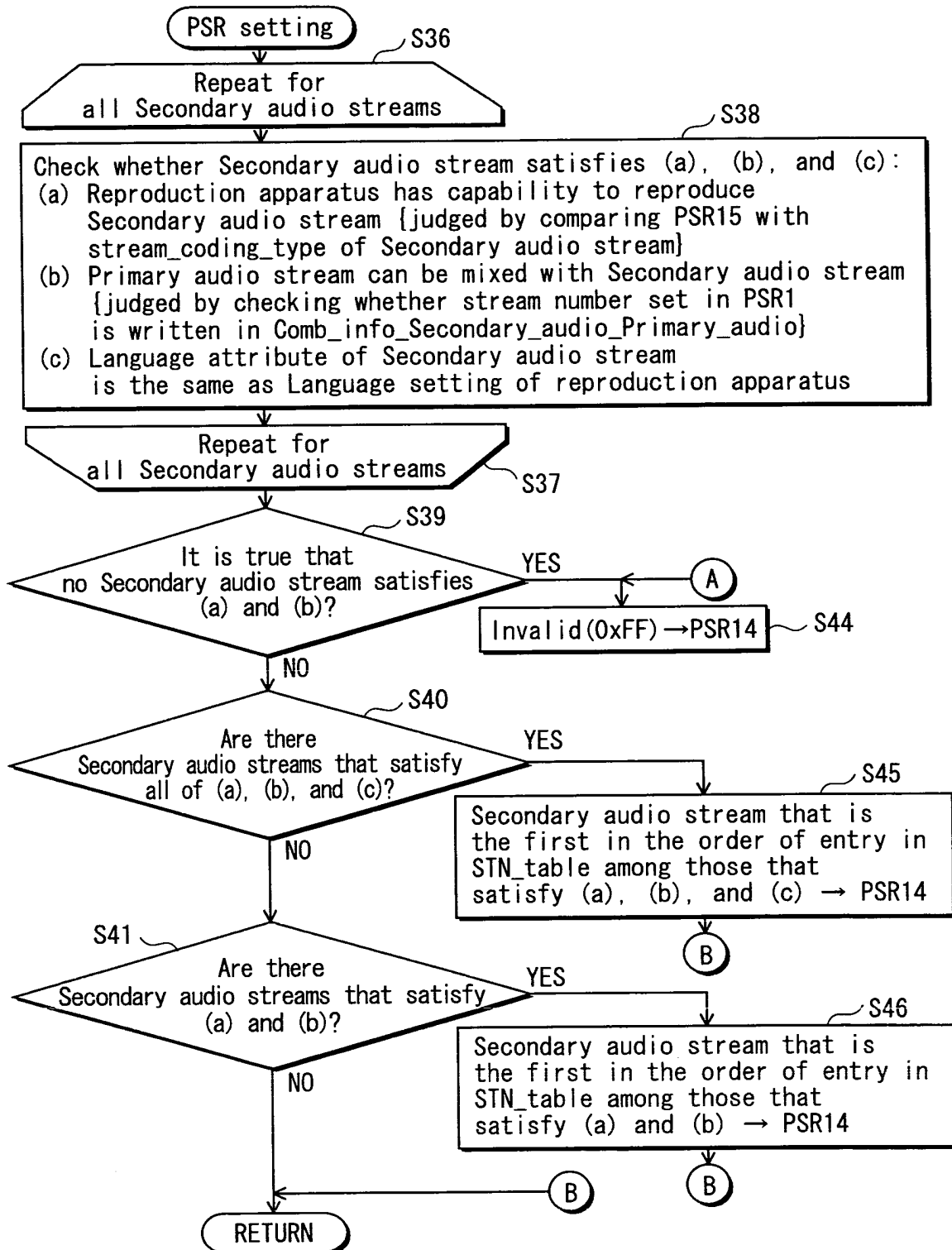
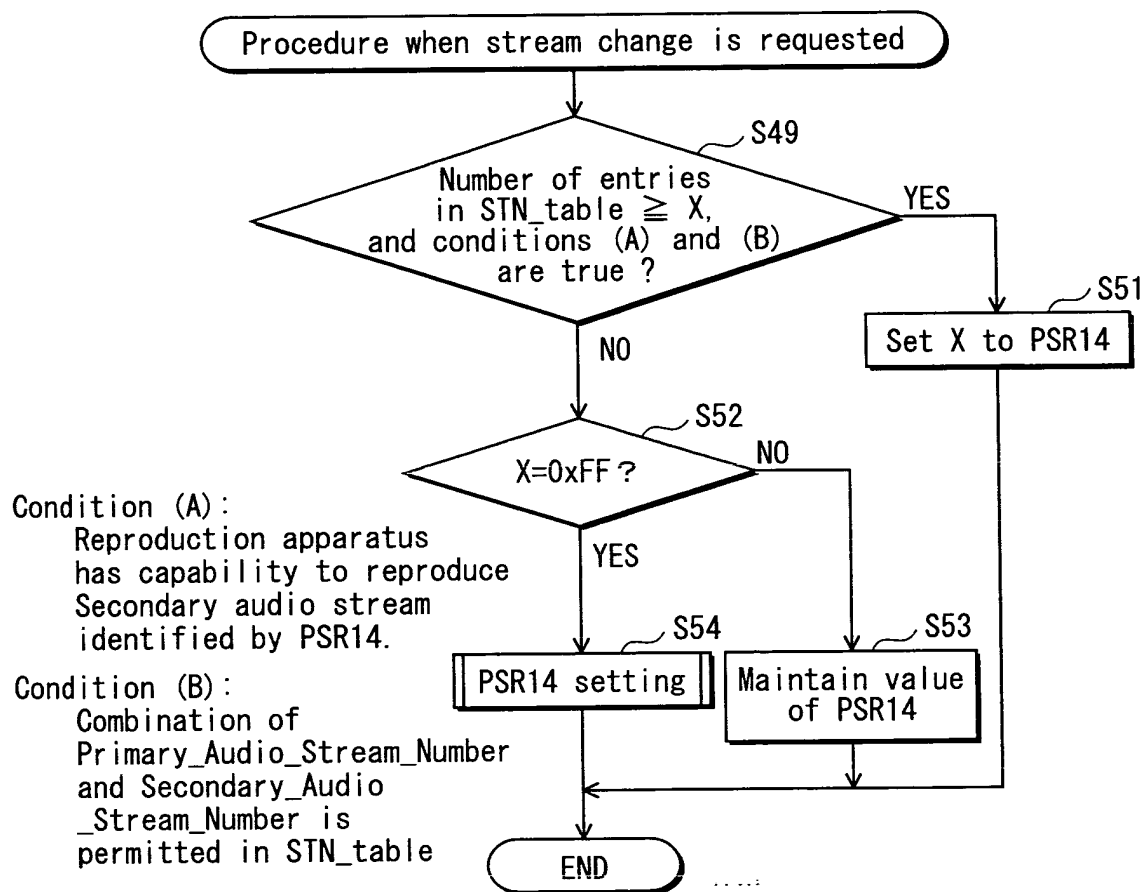


FIG. 34



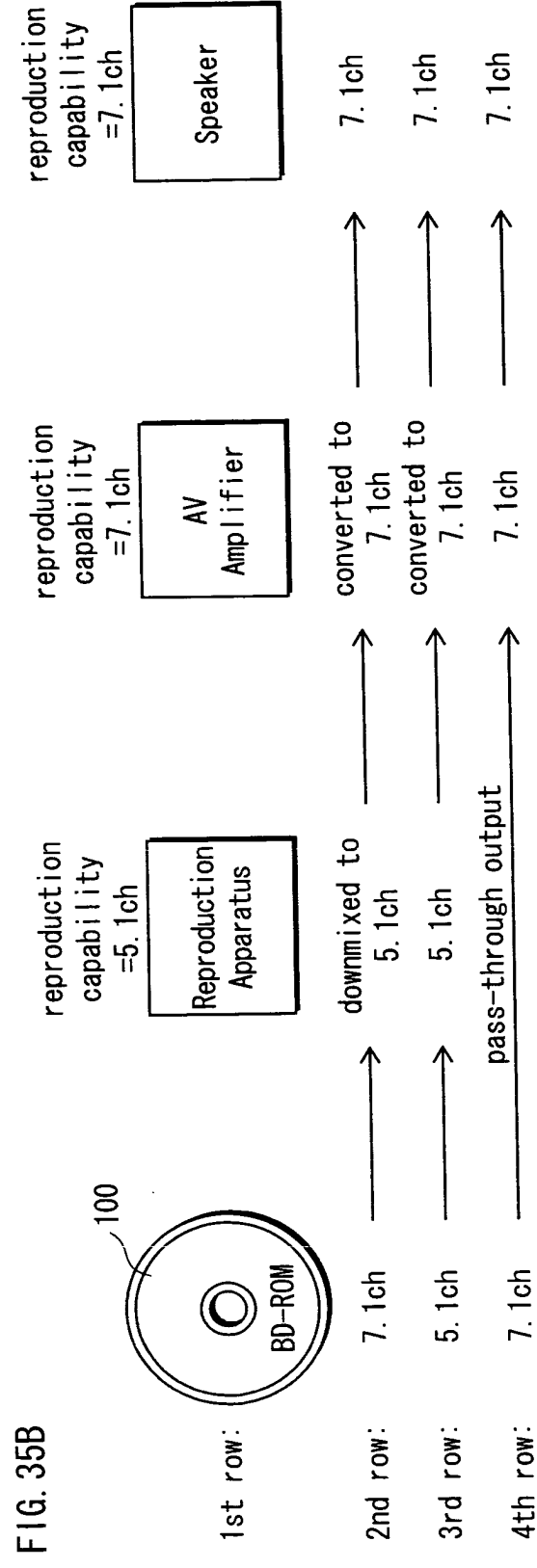
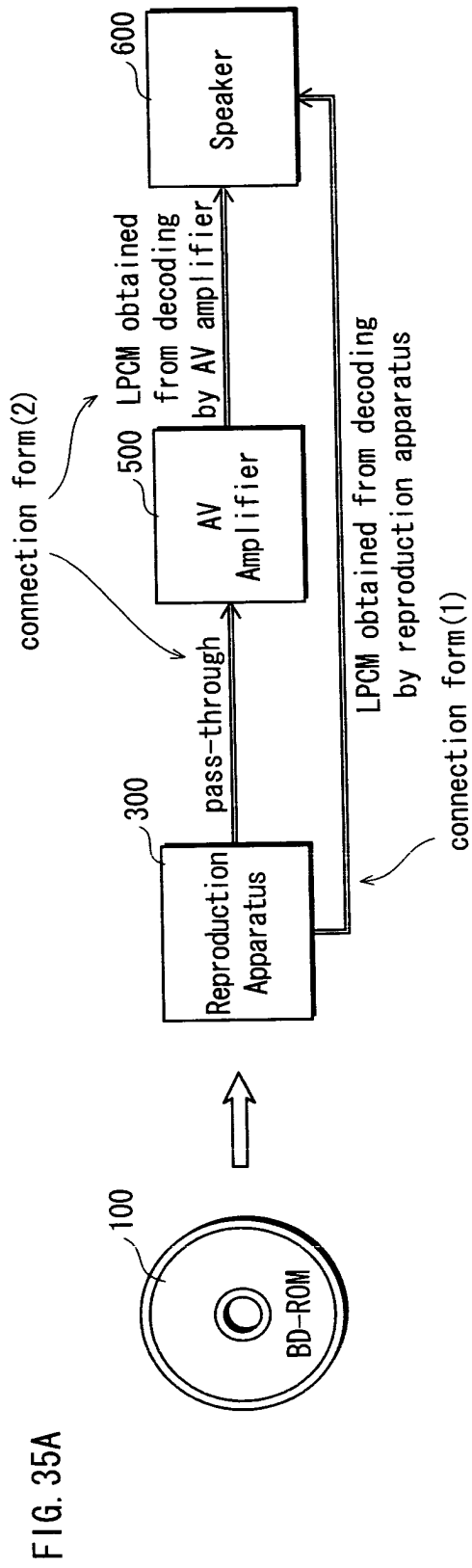


FIG. 36A DIB

CODING TYPE
Channel Count
Channel/Speaker Allocation
SampleFrequency

FIG. 36B

CODING TYPE	DTS-HD	MLP	DD+
Channel Count	5. 1ch	7. 1ch	2ch
Channel/Speaker Allocation	L/R/C/LS/RS/LFE	L/R/C/LS/RS/LR/RR/LFE	L/R
SampleFrequency	48kHz	96kHz	192kHz

FIG. 36C

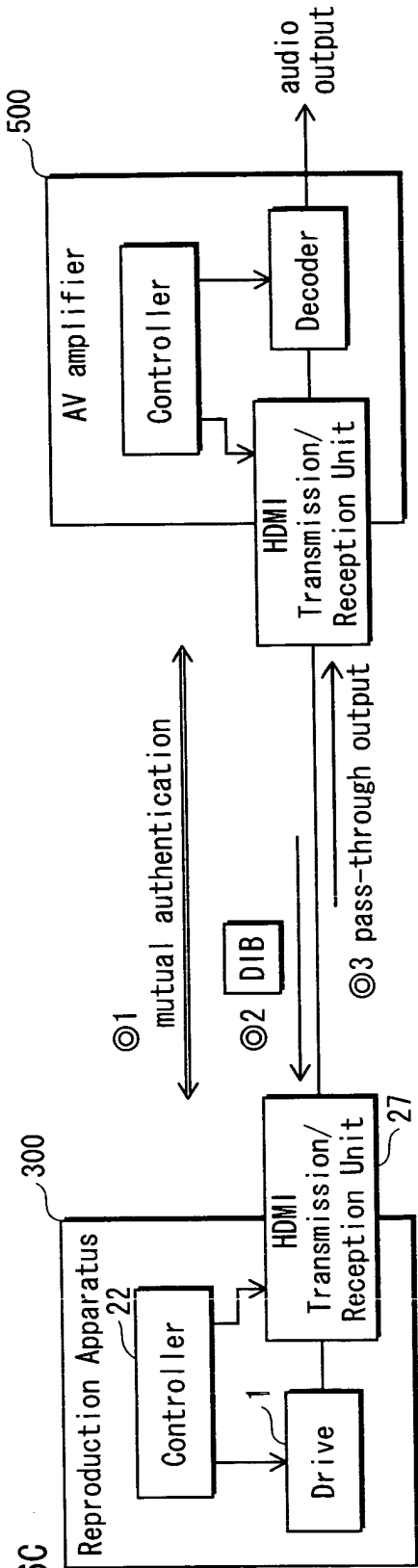


FIG. 37

PSR15:Player Capability for Audio															
b31	b30	b29	b28	b27	b26	b25	b24								
reserved				reserved											
b23	b22	b21	b20	b19	b18	b17	b16								
reserved				reserved											
b15	b14	b13	b12	b11	b10	b9	b8								
DD/MLP				DTS-HD capability											
MLP audio				DD (AC-3)				Extension Substream				Core Substream			
b7	b6	b5	b4	b3	b2	b1	b0								
DD/DD+ capability				LPCM capability											
Dependent substream				Independent substream											

LPCM capability ...				0001b:Stereo capable for 48/96kHz 0010b:Surround capable for 48/96kHz 0101b:Stereo capable for all sampling frequency 0110b:Surround capable for all sampling frequency											
Note:A second left bit specifies capability of decoding for 192kHz LPCM															

DD/DD+ capability				Independent substream (AC-3) ... 01b:Stereo capable 10b:Surround capable											
Dependent substream				... 00b:incapable 01b:Stereo capable 10b:Surround capable											
DTS-HD capability															
Core substream				... 01b:Stereo capable 10b:Surround capable											
Extension substream				... 00b:incapable 01b:Stereo capable 10b:Surround capable											
DD/MLP capability															
DD (AC-3)				... 01b:Stereo capable 10b:Surround capable											
MLP audio				... 00b:incapable 01b:Stereo capable 10b:Surround capable											

FIG. 38

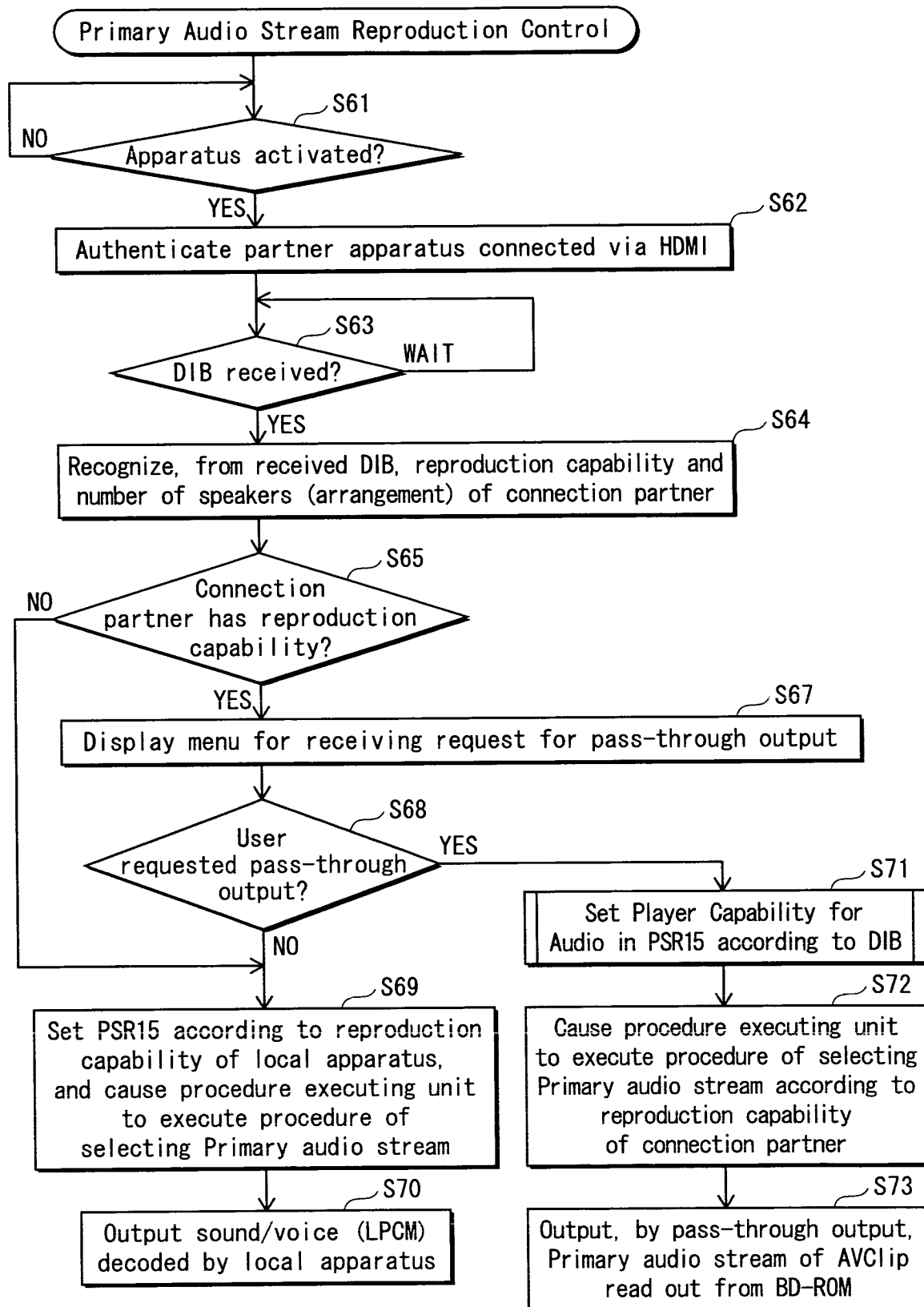


FIG. 39

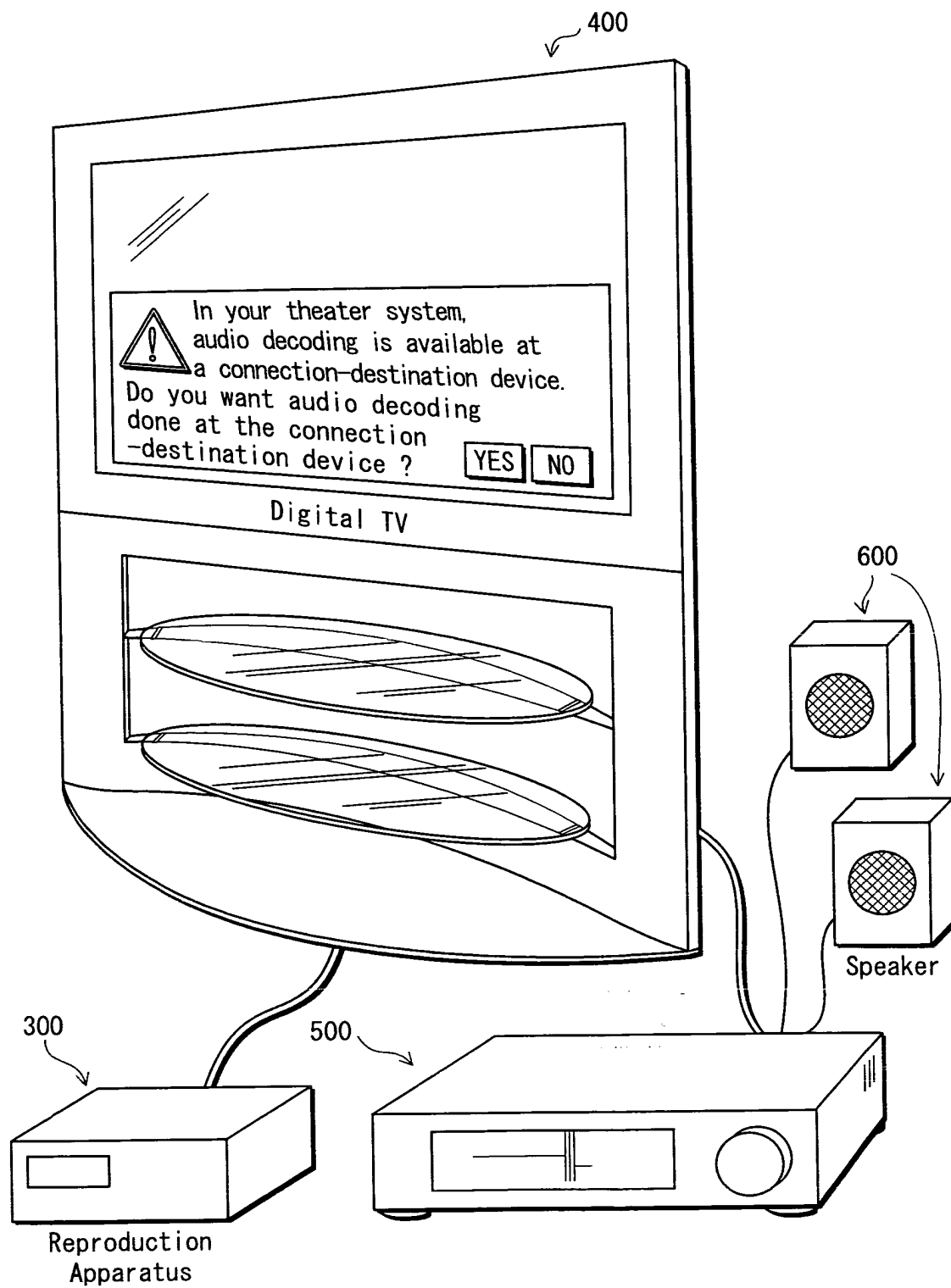


FIG. 40

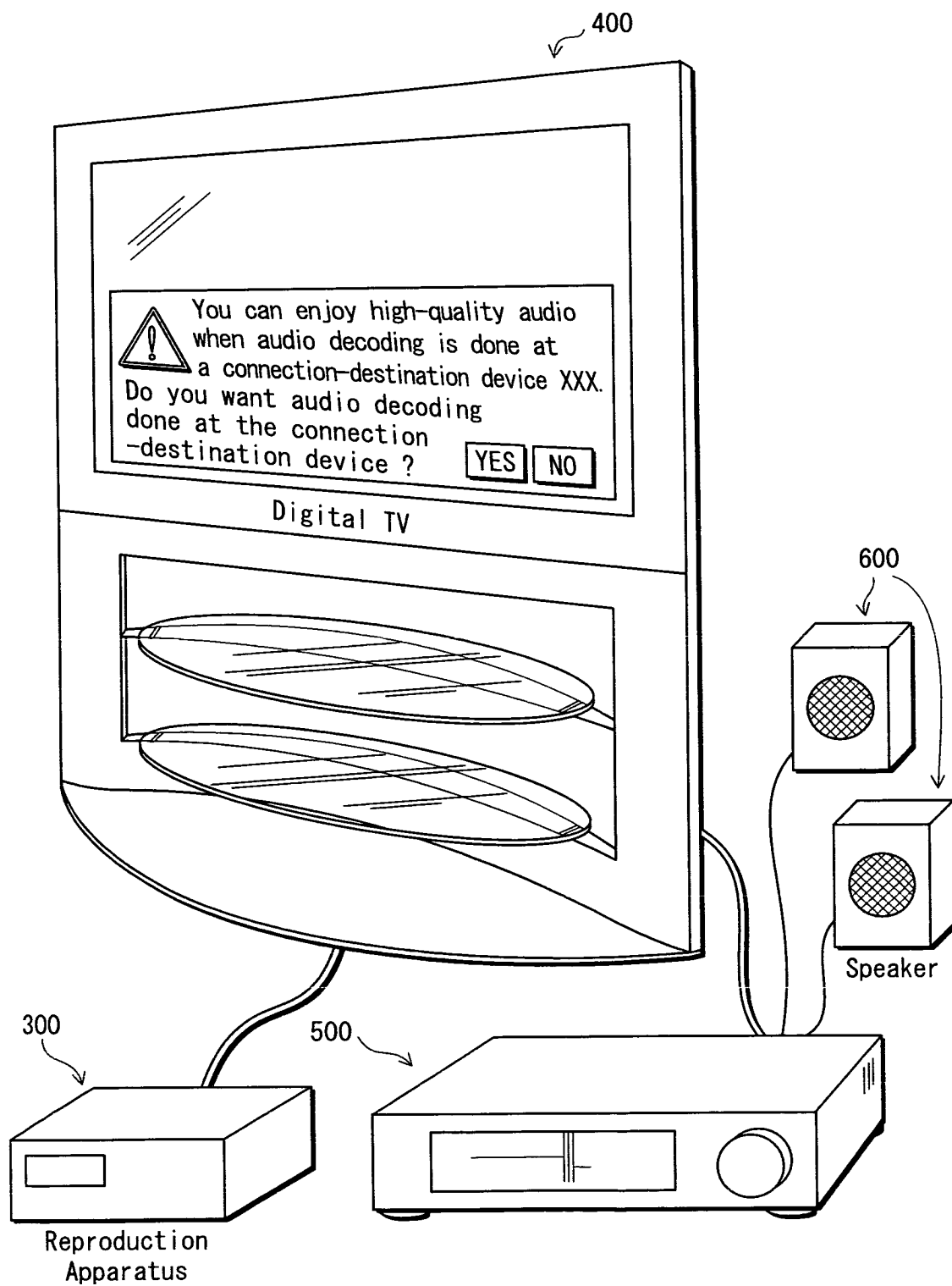


FIG. 41

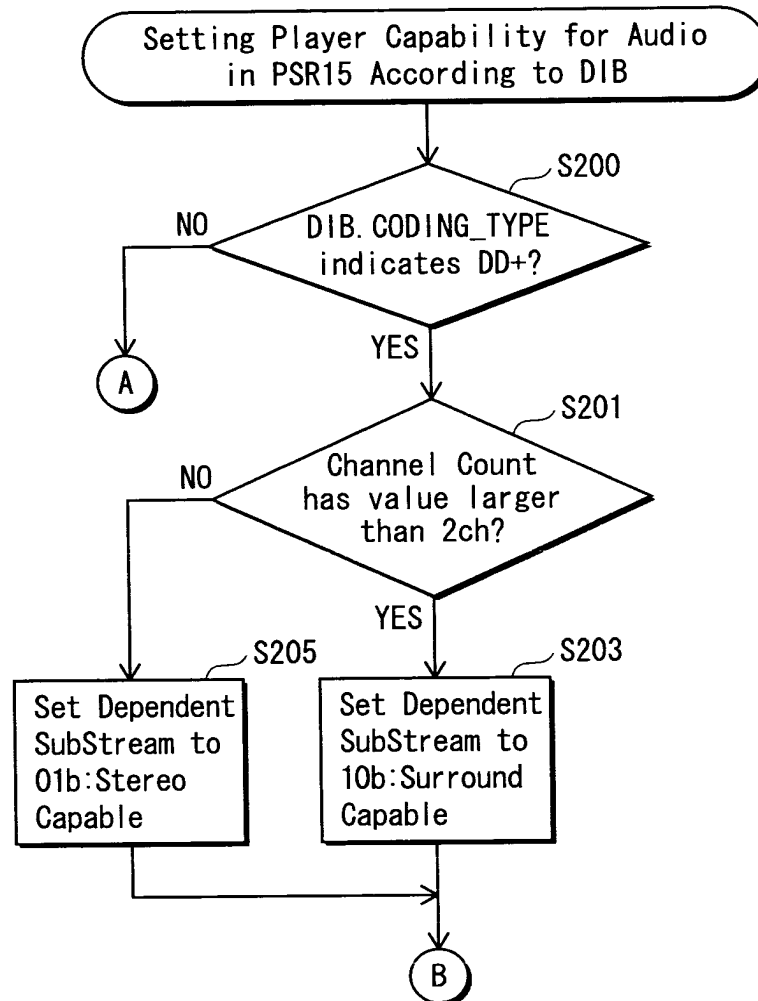


FIG. 42

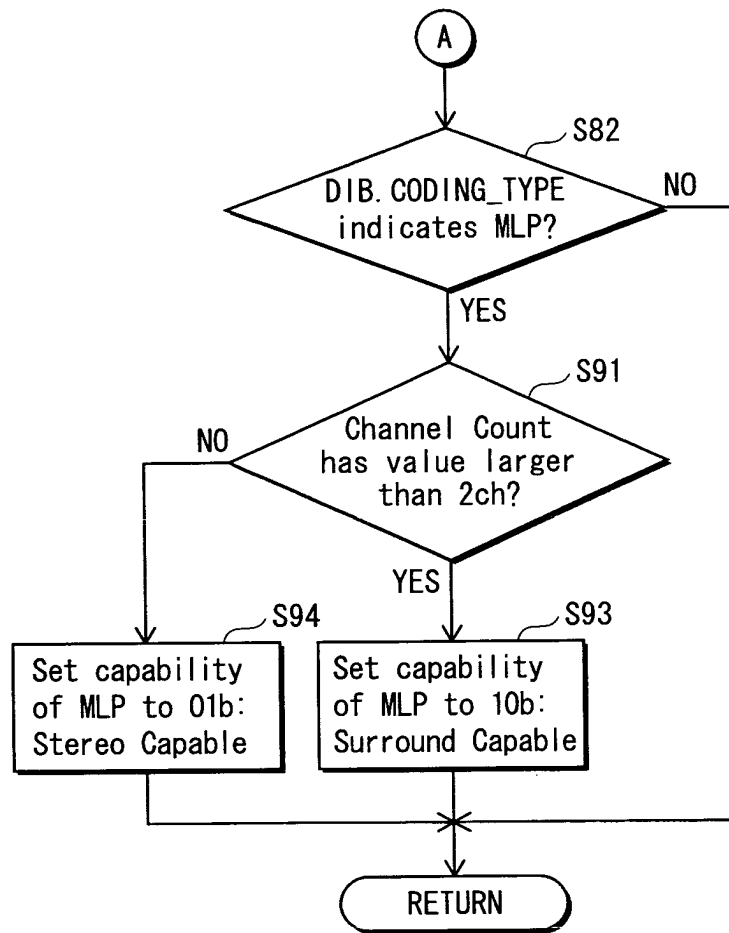


FIG. 43A

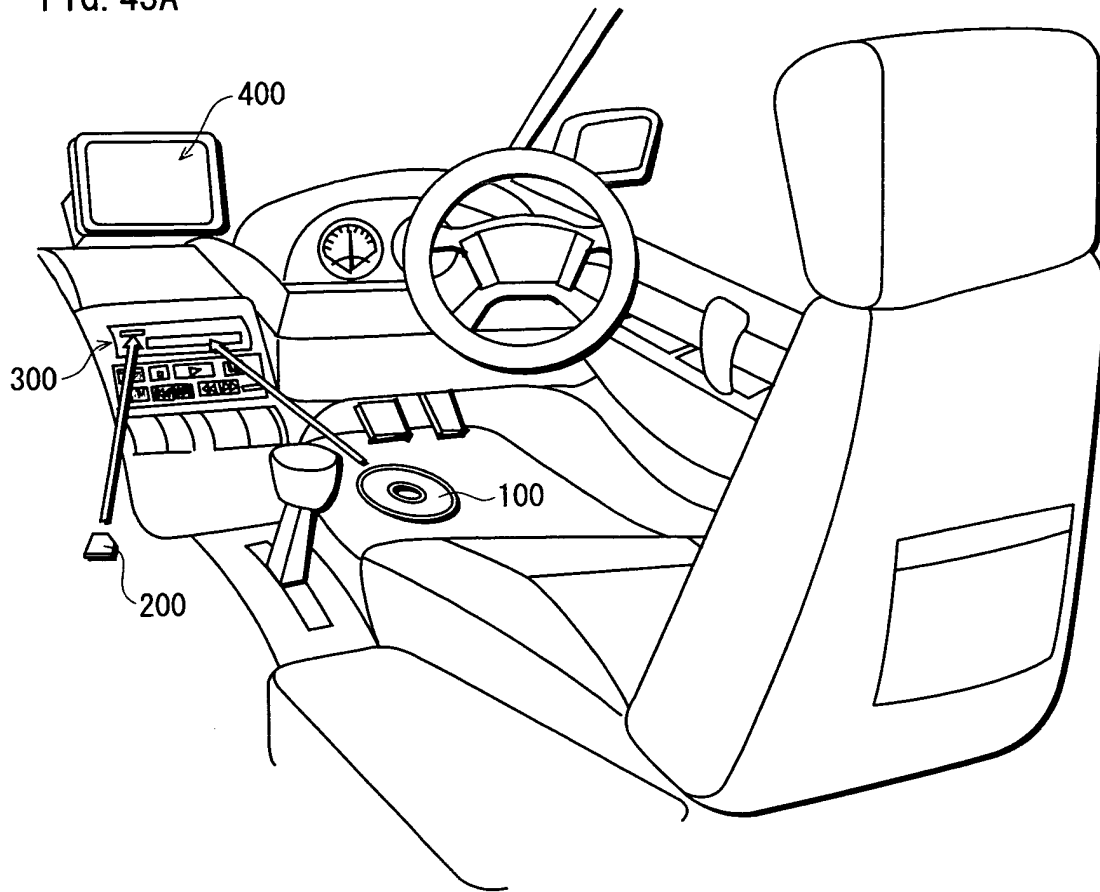


FIG. 43B

PSR31: Player Profile/Player Version

b31	b30	b29	b28	b27	b26	b25	b24
reserved							
b23	b22	b21	b20	b19	b18	b17	b16
reserved				Player Profile			
b15	b14	b13	b12	b11	b10	b9	b8
Player Version (b15-B8)							
b7	b6	b5	b4	b3	b2	b1	b0
Player Version (b7-B0)							

Player Profile ... 0000b: Standard profile player
without predetermined functions
0001b: Standard profile player
with all the functions
0011b: Full profile player
1000b: Audio profile player

FIG. 44

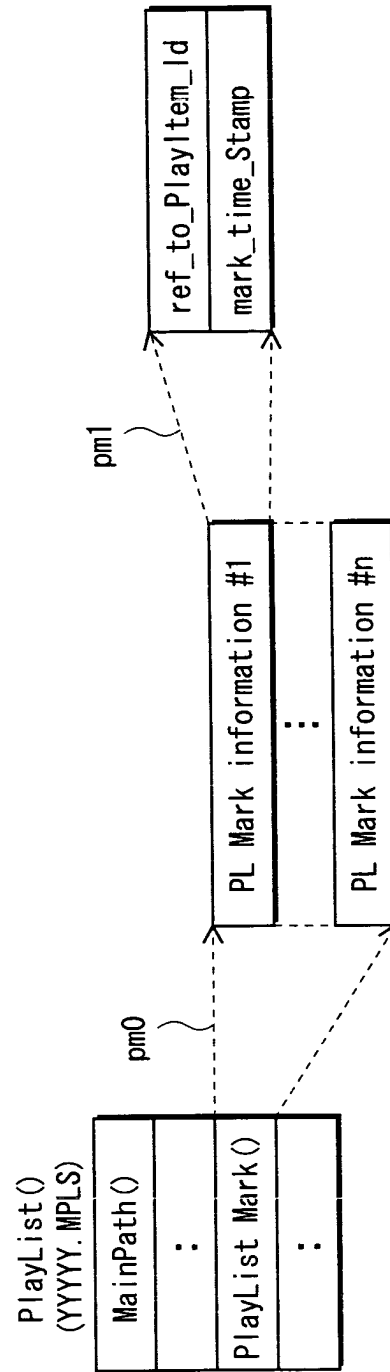


FIG. 45

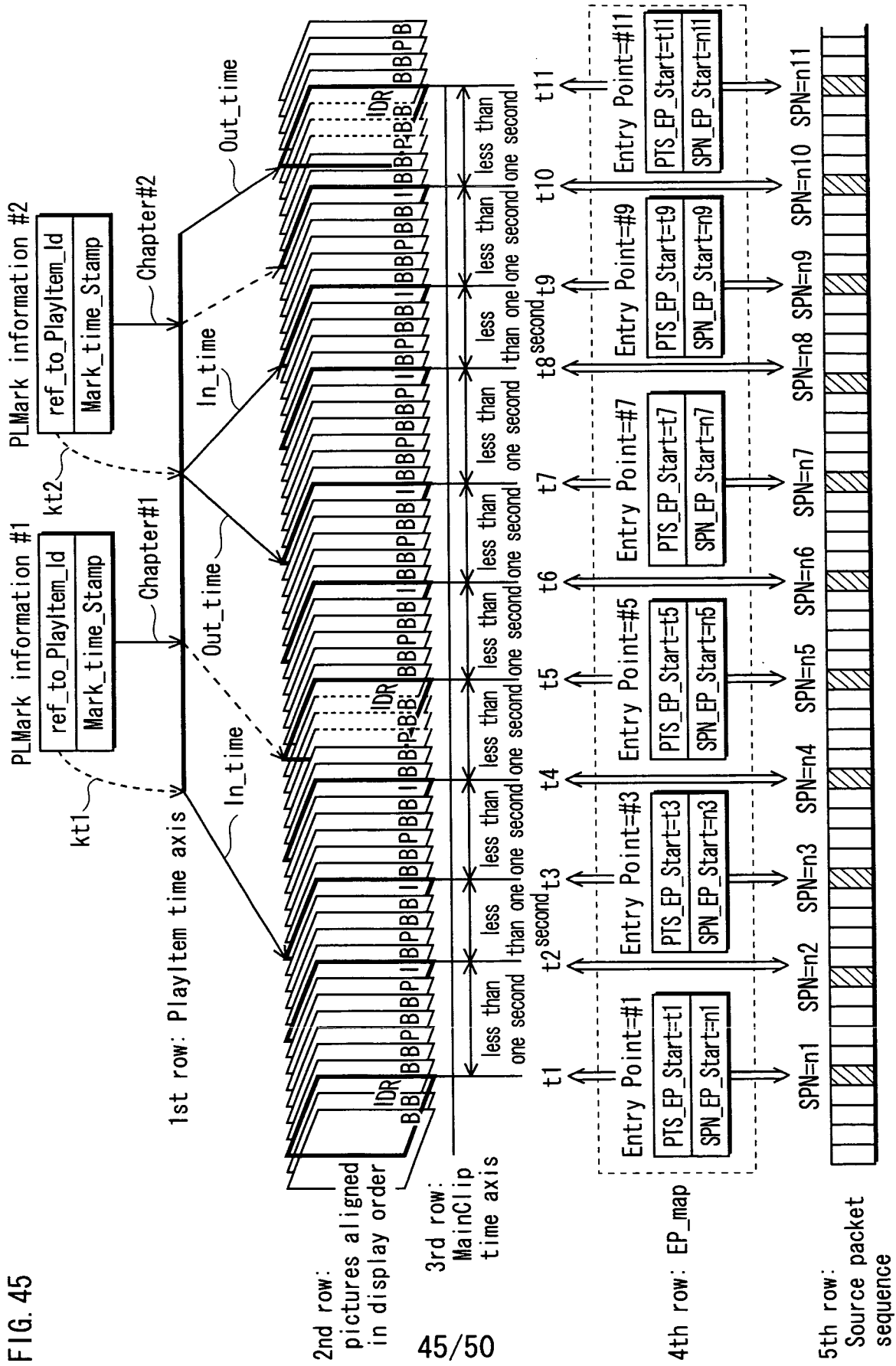


FIG. 46

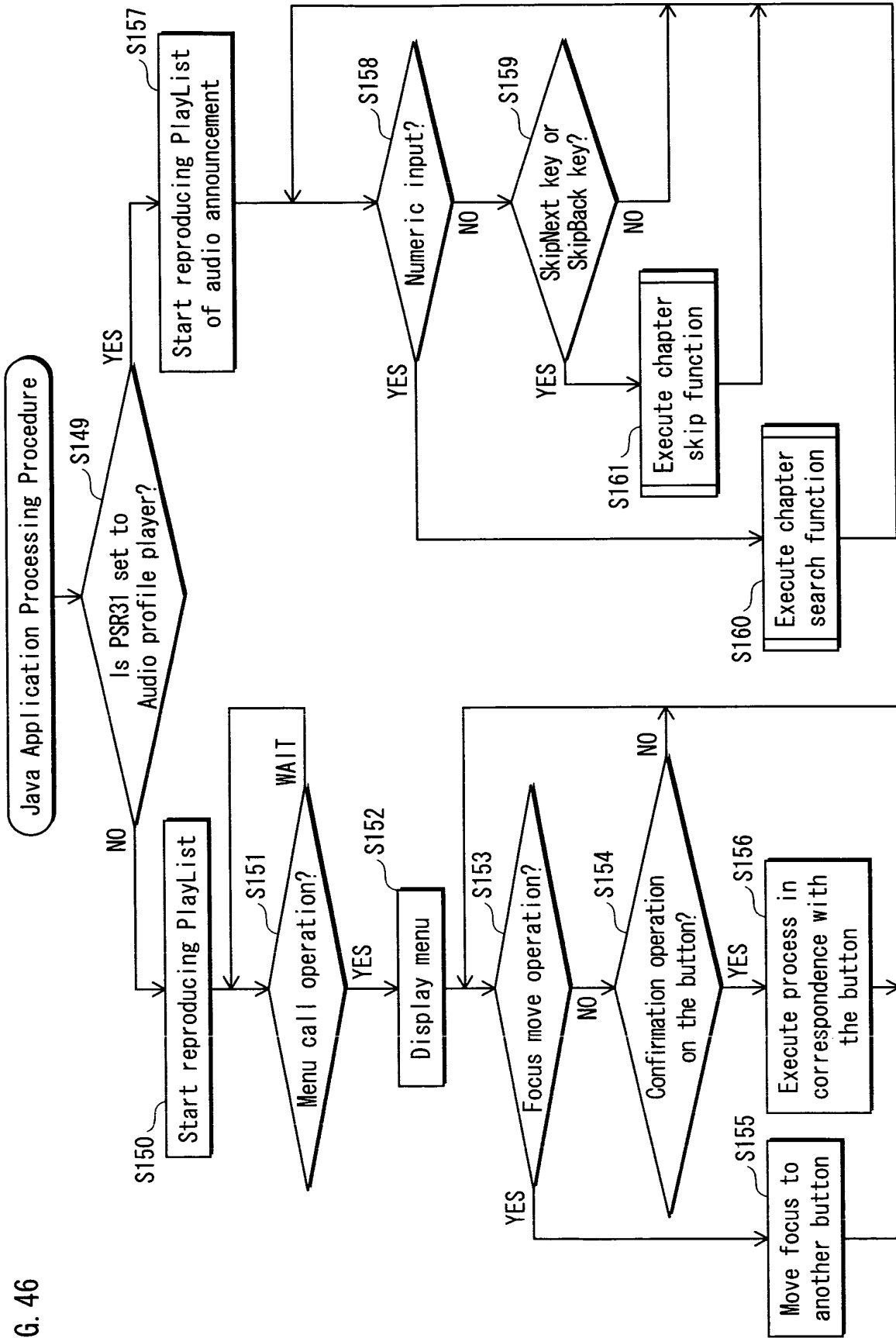


FIG. 47

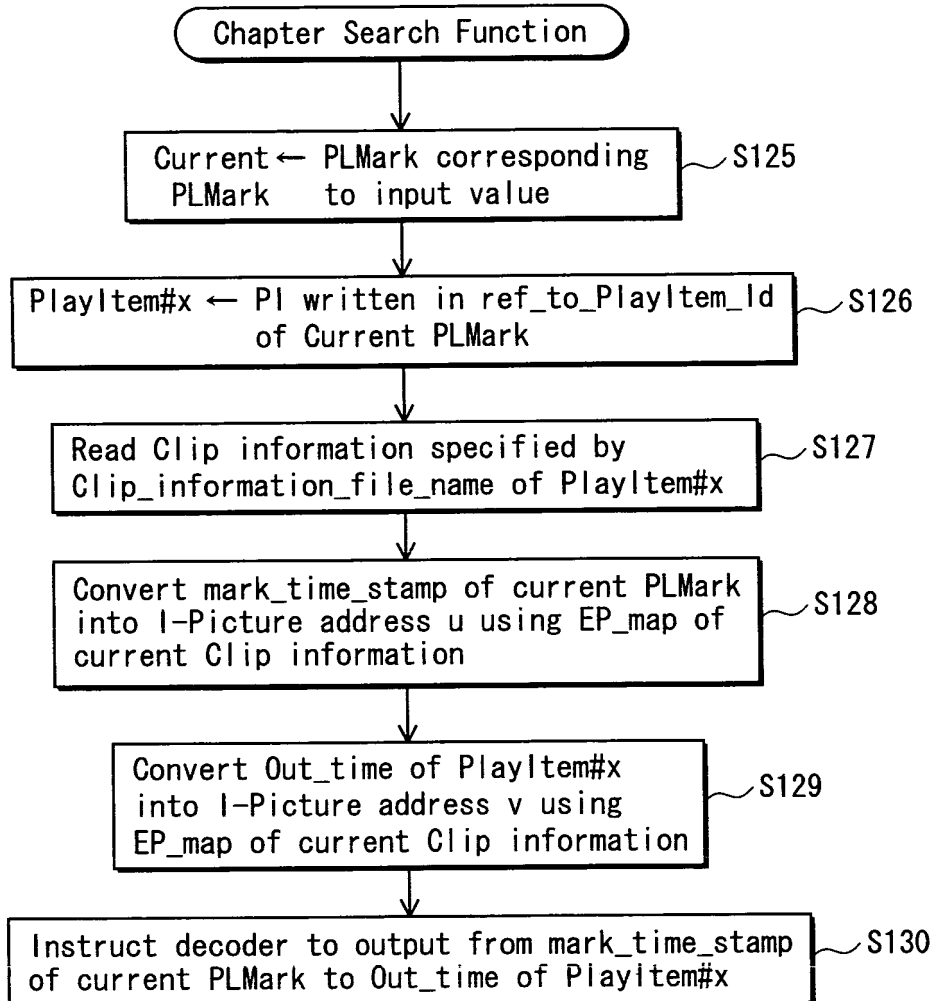


FIG. 48

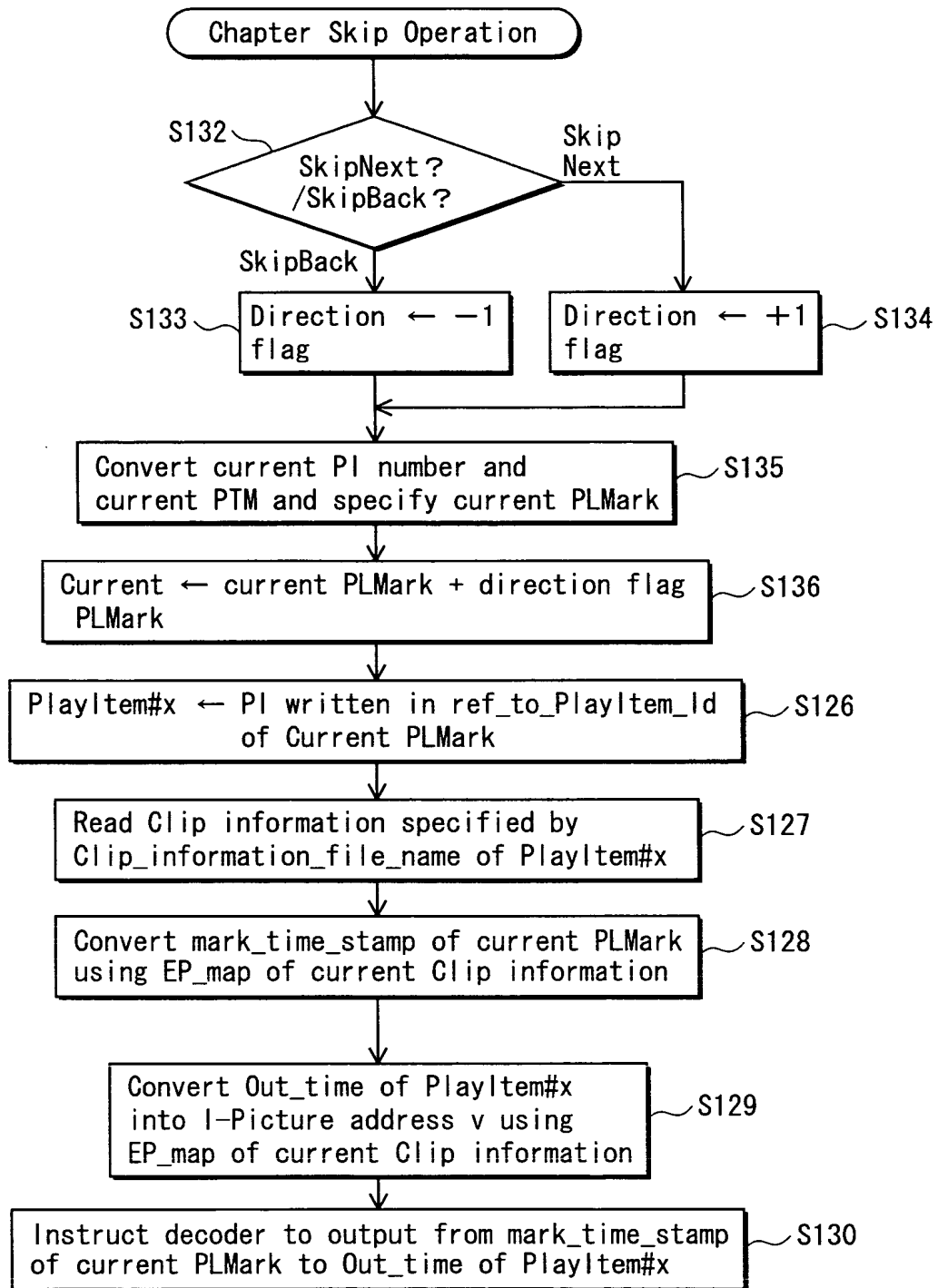


FIG. 49

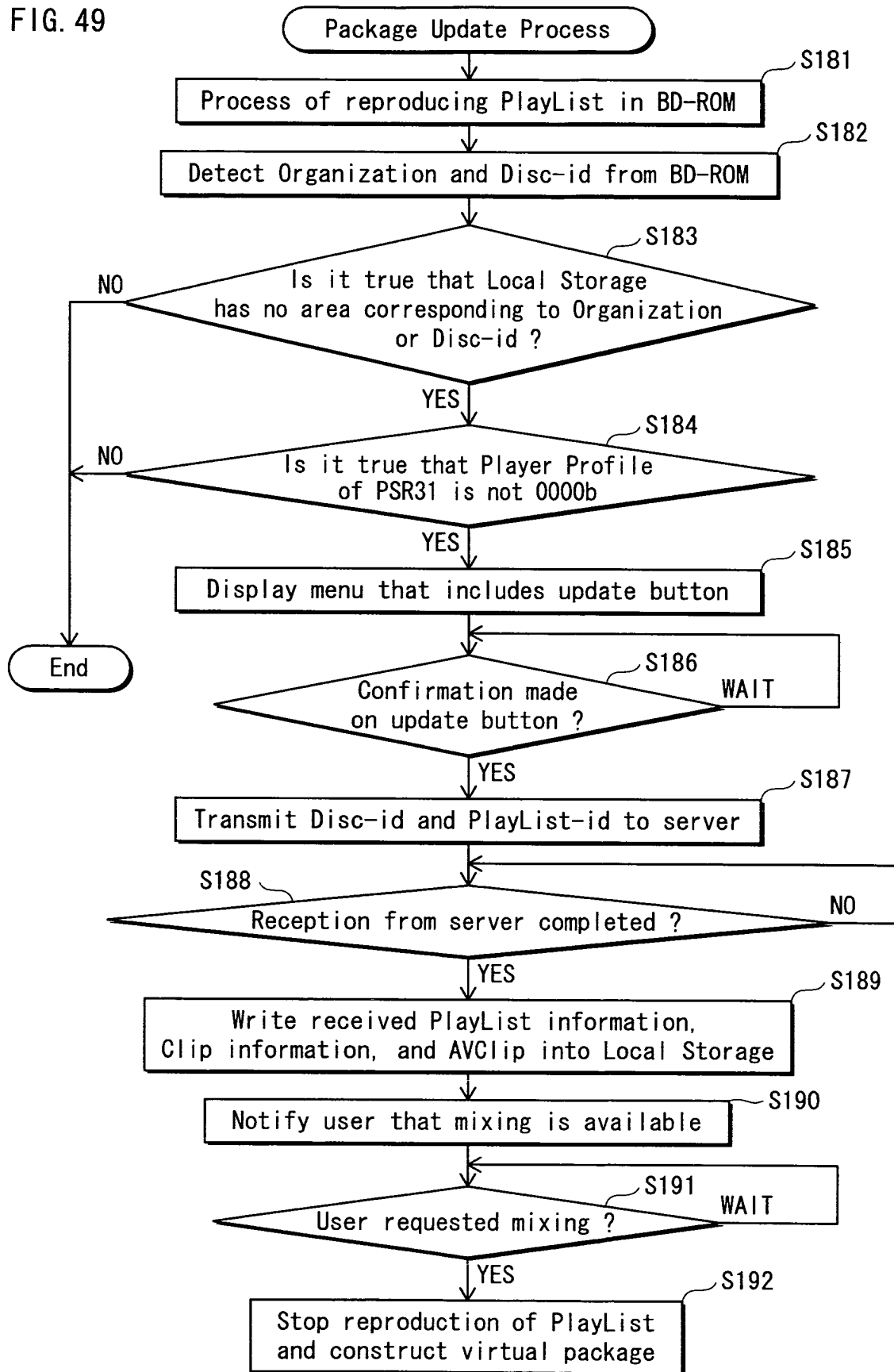


FIG. 50

